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USAFETAC/DS-89/203

SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

VOLK FIELD ANGB HI

PREPARED BY

OL-A, USAFETAC ASHEVILLE, NORTH CAROLINA 28801-2723

MAY 1989

APPROVED FOR PUBLIC RELEASE
DISTRIBUTION IS UNLIMITED

USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

SCOTT AIR FORCE AFB, ILLINOIS, 62225-5438

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REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-89/203, SURFACE OBSERVATION CLIMATIC SUMMARIES FOR VOLK FIELD ANGB HI, MAY 1988, HAS BEEN REVIEWED AND IS APPROVED FOR PUBLIC RELEASE. THERE IS NO OBJECTION TO UNLIMITED DISTRIB OF THIS DOCUMENT TO THE PUBLIC AT LARGE, OR BY THE DEFENSE TECH INFORMATION CENTER (DTIC) TO THE NATIONAL TECHNICAL INFORMATION (NTIS).

JOSEPH L. BOYTE CHIEF, CLIMATIC APPLICATIONS, OL-A

FOR THE COMMANDER

WALTER S. BURGMANN SCIENTIFIC AND TECHNICAL INFORMATION PROGRAM MANAGER



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- 19. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN, AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD. (POR). > SUMMARY OF DAY (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A CLIMATIC DATABASE. Keyelolis

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OD FORM 1473

PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARY (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSHO (REVISED UNIFORM SUMMARY OF SURFACE HEATHER OBSERVATIONS) AND LISTOS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSHOS AND LISTOS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT HAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARY" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER DESERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A+H). THE ADDITIONS ARE THE CRUSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY JBSERVATIONS: AUG 73 - JUL 88 (AIRWAYS).

SUMMARY OF DAY DATA: OCT 66 - APR 71 (FULL TIME).

SUMMARY OF DAY DATA: JUN 64 - SEP 66, MAY 71 - AUG 88 (PART TIME- CLOSED WEEKENDS/HOLIDA'

HOURS SUMMARIZED: 0700 LST THROUGH 1700 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/
OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENDMENA OR OCCURRENCE BEING
SUMMARIZED. THE THO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

- BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.
- HOURLY UBSERVATIONS: ALL RECORD OR RECORD-SPECIAL DESERVATIONS ON AWS FORMS 10/104 (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.
- SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF ANS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.
- MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.
- MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.
- MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.
- PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE. IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS. THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	" MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECONO
DEG	DEGRÉÉ	MSL	MEAN SEA LEVEL
38	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP .	DEW POINT TEMPERATURE	NO.	NUMBER
F3	EQUAL	285	OBSERVATION
F	FAHRENHEIT	DBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	50	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	sao	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	V2N	VISION
LE	LESS THAN OR EQUAL TO	we	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	HBAN	AWS FORM TO/TOA
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

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3	SAME		AAF	MAY 71	FEB 76	SAME	SAME	SAME
4	SAME		AAF	FEB 76	APR 82	SAME	SAME	915
5	SAME		AAF	APR 82	MAR 89	SAME	SAME	910

*VERY SPORADIC, CLOSED WEEKENDS AND HOLIDAYS. SPOTTY EARLIER SUMMER MONTHS. SOME

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2	APR 58	500° N OF RWY CTRLN	SAME	SAME	SAME	
3	DEC 78	SAME	SAME	SAME	SAME	
4	MAR 89	SAME	SAME	SAME	12 FT	

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F 114.4F	TYPE	AT THIS LOCAT	ION	LONGITUDE	ELEV AB	OVE MSL	OBS PER	
S NAME	OF NCITATS	FROM TO	LATITUDE	LUNGTIUDE	FLD (FT)	BARD (FT)	DAY	
S, WI	AAF AAF AAF	JUN 64 SEP 6 OCT 66 APR MAY 71 FEB FEB 76 APR	71 SAME 76 SAME	W 090 16 SAME SAME SAME	925 SAME SAME 915	ANFROID SAME SAME SAME	15* 24 13*	
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PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR ORIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION. THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE THO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISIUM" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL DBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN DNE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

- SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (PDF).
 THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY
 DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.
- THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

 THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.
- SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.
 THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.
- NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT HAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT DULY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOR AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE HOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.
- NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.
- NOTE 3: A VALUE OF MOM IN ANY SUMMARY REPRESENTS ONE OR MORE OCCUPRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.
- NUTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OW WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

USAFETAC, ASHEV			r EKO.	ENTAGE FRE			BSERVATI		THOSENE	VIC THENDIE
STATION NUMBER:	726436		ON NAME:	VOLK FLD	ANGR HI			PERIOD MONTH:		RD: AUG 7:
HOURS TSTMS (LST)	LIQUID PRECIP		FROZEN PRECIP	HATL		FOG	SMDKE 6/OR HAZE	SLOWING SNOW		ALL OBST TO VSN
00-02		• • • • • • •		••••••	• • • • • • •		••••••	••••••	• • • • • •	• • • • • • • • •
03-05										
06-08	1.0	. 7	15.8		17.5	16.5	2.9	2.2		39.0
09-11	1.2	1.0	17.7		19.9	13.7	3.7	2.6		39.9
12-14	1 • 4	• 9	17.0		19.3	10.2	3.0	2.1		34.5
15-17	1.4	. 4	16.2		18.0	9.1	3.8	2.2		33.1
18-20										
21-23										
ALL HOURS	1.3	. e	16.9		18.9	11.9	3.4	2.3		36.5
			••••					MONTH:	FEB	
00-02	• • • • • • • •	•••••	•••••	• • • • • • • • •	• • • • • • •	, • • • • • •	•••••	• • • • • • • •	• • • • • •	•••••
03-05										
06-08	1.8	2.0	12.6		16.3	22.7	4.8	• 9		44.7
09-11	2.5	• 9	17.3		20.7	18.9	6.5	• 9		46.9
12-14	2.6	. 1	13.4		16.1	11.4	7.1	1.3		35.9
15-17	2.7	• 3	11.9		14.9	9.8	6.3	. A		31.9
18-20									, ·	
21-23										
ALL										
HOURS	2.5	.7	14.2	-	17.3	15.0	6.4	1.0	. = .	39.7

	entan i i septembri a a cina com								الكافري وبران والكافرون والمن والمناو والمناور والمناور والمناور والمناور والمناور والمناور والمناور
						· · · · · · · · · · · · · · · · · ·			
PERCENTAGE F			JRS WITH DBSERVATI		TMOSPHERI	IC PHENOM	ENA		
NAME: VOLK FL JTC: + 6	D ANGR WI			PERIOD MONTH:		AUG 7	3 - JUL 88		
RECIP	ALL PRECIP	FOG	SMOKE &/DR HAZE	BLOWING SNOW	DUST &/DR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS		
• • • • • • • • • • • •	• • • • • • • •	•••••	• • • • • • •	••••••	• • • • • • •	• • • • • • • •	0		
							0		
.5.8	17.5	16.5	2.9	2.2		39.0	418		
.7.7	19.9	13.7	3.7	2.6		39.9	1011		
7.0	19.3	10.2	3.0	2.1		34.5	1011		
5.2	18.0	9.1	3.8	2.2		33.1	728	·	
							o		
							0		
				a • • •					
5.9	18.9	11.9	3 • 4	2.3		36.5	3158		
•••••	• • • • • • • •	•••••	•••••	MONTH:	FER	• • • • • • • •	•••••		
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	*	• • • • • • • •	••••••			
							3		- ·
2.6	16.3	22.7	4.8	• 9		44.7	454		
7.3	20.7	18.9			· · · · · · · · · · · · · ·		976		
3.4	16.1	11.4	7.1			35.9	974		
				1.3					-
1.9	14.9	9.8	6.3	.8		31.9	731		
							0		
							0		
		n gradinari	a		· • • • • • • • • • • • • • • • • •				
4.2	17.3	15.0	6.4	1.0		39.7	3135		

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA USAFETAC. ASHEVILLE NO FROM HOURLY DBSERVATIONS STATION NAME: VOLK FLD ANGE HT PERIOD OF RECORD: AUG 73 -STATION NUMBER: 726436 LST TO UTC: + 6 MONTH: MAR ALL FREEZ FROZEN PRECIP PRECIP BLOWING HOURS TSTMS LIQUID SMOKE DUST ALL PRECIP **8/0R** (LST) PRECIP SNOW E/OR OBST HAZE TO VSN CHAZ 00-02 03-05 41.2 06-08 . 3 5.3 • 5 8.5 1.0 14.3 21.9 4.0 09-11 4.4 . 6 8.8 13.9 16.3 4.0 . 7 34.R 12-14 . 1 6.0 1.1 7.6 14.7 11.5 3.8 • 5 30.5 15-17 6.4 9.3 16.6 9.9 3.7 1.0 31.2 18-20 21-23 ALL HOURS 5.5 . 8 8.5 14.8 14.0 MONTH: APR 00-02 03-05 06-08 11.1 4.9 15.9 15.7 3.2 • 5 35.3 09-11 10.2 3.6 13.8 9.3 2.1 • 5 25.A 12-14 10.4 2.9 13.3 5.6 1.6 . 1 20.6 .7 15-17 10.7 3.4 14.1 20.2 18-20 21-23 ALL HOURS .4 10.5 3.5 14.0 8.1

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FRCEN	TAGE FRE				VARIOUS A	TMOSPHER	IC PHENOM	ENA	
ME: V	OLK FLD			BSERVATI	PERIOD		D: AUG 7	3 - JUL 88	
: + 6 ZEN CIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR	MONTH: ! BLOWING SNOW	DUST \$/09	ALL OBST	TOTAL ND. OF	
••••			• • • • •	HAZE	•••••	SAND	TO VSN	08 S 0	
			•		. *			0	
う		14.3	21.9	4.0	1.0		41.2	398	
, a	#ho-	13.8	16.3	4.0	. 7		34.8	1024	
5		14.7	11.5	3.8	•5		30.5	1034	
3		16.6	9.9	3.7	1.0		31.2	669	
								0	
				• • •	*** . * * *			0	
,		14.8	14.0	3.9	•7		33.4	3125	
• • • •	• • • • • • •	• • • • • • •	•••••	*******	MONTH:	APR	•••••	•••••	
• • • •	• • • • • • •		•••••			· · · · · · · · · · · · · · · · · · ·		σ	11 / 11 / 12 - Land of Principle Common of Principle County (Common to Common to Commo
								0	
3		15.9	15.7	3.2	•5		35.3	433	-
•		13.8	9.3	2.1	•5		25.A	977	
7		13.3	5.6	1.6	• 1		20.6	994	
4		14.1	4.8	.7	.7		20.2	589	
	10 1 10 W 17 STREET, 100				·			0	
	7	-						<u> </u>	
				•					

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STATION	NUMBER:	726436				ÄNGB HÍ			PERIOD		RD: AU
				0 UTC: +					:HTMOM		•••••
HOURS (LST)	TSTMS		FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR	BLOWING SNOW	DUST &/DR	
00-02	. • • • • • • •	•••••				• • • • • • •				1 • • • • • • • • • • • • • • • • • • •	• • • • • • •
03-05											
0,6,-08	.3	7.2		• 1		7.3	13.3	6.1			26.8
09-11	.4	6.8				6.8	6.9	3.9			17.5
12-14	.3	7.7				7.7	3.9	4.1			15.7
15-17	1.9	6.0				6.0	3.2	3.9			13.2
18-20											
21-23											
ALL HOURS	• 5	7.1		•0		7.1	6•5	4.4			16.3
•••••	••••	, • • • • • • • •	•••••	, • • • • • • •	, • • • • • • • •		, • • • • •		MONTH:	JUN	
00-02	•••••	••••••				• • • • • • •	, • • • • • •	, • • • • • • • •	. • • • • • • • •		• • • • • •
03-05											
06-08	. 9	6.7				6.7	11.7	8.0		. 3	25.7
09-11	.8	7.0				7.0	0.1	7.2		. 2	22.5
12-14	2.0	6.1				6.1	4.6	5.0			15.7
15-17	1.8	5.7				5.7	2.9	5.3			13.9
18-20											
21-23											

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PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATIO LST TO	N NAME:	VOLK FLD 6	ANGB WI			PERIOD (D: AUG 7	'3 - JUL 88	
KĒĒZ PPCIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE 6/OR HAZE	BLOWING SNOW	OUST &/DR SAND	ALL TO VSN	TOTAL NO. OF OBS	
• • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	••••••	• • • • • • •	•••••	0	
									0	
	.1		7.3	13.3	6.1			26.8	668	
			6.8	6.9	3.9			17.5	1029	
			7.7	3.9	4.1			15.7	1024	
			6.0	3.2	3.9			13.2	463	
									Э	
									0	
										- · · · · · · · · · · · · · · · · · · ·
	.0		7.1	6.8	4.4			16.3	3184	
				•		MONTH:	JUN		•	
••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	••••••	•••••	0	
									o	
			6.7	11.7	8.0		. 3	25.7	776	
			7.0	8.1	7.2			22.5	1187	and a company of the second of
			6.1	4.6	5.0			15.7	1199	
			5.7	2.9	5.3			13.9	770	
									- · · · · · · · · · · · · · · · · · · ·	
									0	
			6.4	6.7	6.3		·	19.6	3931	-

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		ION "A"		PERCE	INTAGE PRI			BSERVATI		INUSPIE	RIC PHENOM
STATION	NUMBER:		STATION LST TO	UTC: +	6				:HTMCM	JUL	RD: AUG 7
(LST)		LIQUID PRECIP	FREEZ PRECIP	PRECIP	HAIL	ALL PRÉCIP	FOG	SMOKE &/OR	BLOWING	DUST &∕DR	0851
00-02	• • • • • • • •	• • • • • • • •	• • • • • • • • •	. • • • • • •	• • • • • • • • •	•••••		• • • • • • •		• • • • • •	
03-05											
06-08	1.6	4.9				4.9	14.3	15.6			34.8
09-11	2.0	4.7				4.7	5.7	11.5			22.0
12-14	1.8	4.8				4.8	3.7	7.9			16.3
15-17	2.6	4.7				4.7	4.0	8.2			16.9
18-20											
21-23											
ALL HOURS	2.0	4.8						10.5			21.9
••••			•••••					••••		AUG	
00-02	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •	•••••	, 	, 	•••••		• • • • • • • •
03-05											
06-09	3.5	9.8				9.8	27.0	13.1			49.9
09-11	2.3	8.1				8.1	12.2	10.B			31.1
12-14	1.1	6.0				6.0	5.5	10.2			21.7
15-17	1.9	7.1				7.1	4.5	9.0			20.6
15-20							-				
21-23											
ALL	ޕI	7 4				7 4	71 7	10.7			30.1

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ERCENTAGE F			RS WITH I		TMOSPHER	RIC PHENON	ENA			· · · · · · · · · · · · · · · · · · ·
ME: VOLK FL	D ANGE WI			PERIOD HONTH:		RD: AUG 7	73 - JUL 88		· <u>····</u>	
ZEN HAIL CIP	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/DR SAND	ALL DBST TO VSN	TOTAL NO. OF OBS			
• • • • • • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • • • • •	• • • • • • •		. 0			
							0			
	4.9	14.3	15.6			34.8	739			
	4.7	5.7	11.5			22.0	1137			
	4.8	3.7	7.9			16.3	1145			
	4.7	4.0	3.2			16.9	6,82			
							0			
							c			
	4.8	6.5	10.5			21.9	3704			
	• • • • • • • •	• • • • •	• • • • • • • •	MOATUA	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • • • •	ı		
• • • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	:HTMCM	* * * * * * * *	• • • • • • • •		,		
							ŋ			
	9. 8	27.0	13.1			49.9	773			
	9.1	12.2	10.8			31.1	1197			·-· ·
	6.0	5.5	10.2			21.7	1193			
	7.1	4.5	9.0			20.6	690		-	
		-					σ			
							o			

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OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHES USAFETAC, ASHEVILLE NO FROM HOURLY DBSERVATIONS PERIOD OF RECORD: AU STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB WI MONTH: SEP LST TO UTC: + 6 FREEZ FROZEN SMUKE BLOWING HOURS F13010 ALL FOG DUST TSTMS HAIL ALL (LST) PRECIP PRECIP PRECIP PRECIP £/0R 40\B 1295 HAZE SAND TO VS 00-02 03-05 05-08 1.6 11.5 11.5 23.1 5.2 40.3 09-11 . 9 11.5 11.5 13.2 5.7 30.4 7.7 12-14 • 6 • 2 7.9 7.8 2.5 18.2 5.8 1.9 15-17 • 2 5.6 5.6 13.4 18-20 21-23 ALL HUURS 26.1 12.4 MONTH: OCT 00-02 03-05 06-08 . 2 5.7 2.0 20.9 3.7 33.3 9.7 09-11 . 3 0.1 1.7 7.8 13.9 4.1 25.7 12-14 . 4 7.7 1.0 8.7 9.1 3.7 21.4 15-17 .5 6.0 .7 20.0 8.7 9.3 2.1 19-20 21-23 ALL 3.6 25.0 HOURS 13.0 7.0 • 3

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PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

	3 - JUL 88	D: AUG 7.		MONTH:			ANGB WI	NAME: VOLK FLD FC: + 6
	TOTAL NO. OF OBS	ALL DBST TO VSN		BLOWING SNOW	SMOKE SZOR HAZE	FOG	ALL PRECIP	ROZEN HATL RECIP
	9		• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • • • • • • • •
	0							
	642	40.8			6.2	23.1	11.5	
	988	30.4			5.7	13.2	11.5	
	998	18.2			2.5	7.8	7.9	•2
	463	13.4			1.9	5.8	5.6	
	0							
	C.							
	3091	26.1		• • • • • • • •	4.2	12.4	9.5	.1
			ост	:HTMCM				
	 0			• • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • • • • • •
	0							
	597	33.3			3.7	20.9	8.7	2.0
and the second s	967	25.7			4.1	13.9	7.8	1.7
	980	21.4			3.7	9.1	8.7	1.0
	439	20.0			2.1	9.3	8.7	• 7
	0							
•								
	2983	25.0			3.6	13.0	8.4	.4

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

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PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

USAFETAC, ASHEVI	ILLE NO			FRUM H	JURLY DI	BSERVATIO				
		LST TO	N NAME: VOLK FLD					-		73 - .
HOURS TSTMS (LST)	LIQUID PRECIP	FREEZ PRECIP	FROZEN HAIL PRECIP	PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR		TO:
00-02	•••••	••••••	••••••	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	· • • • • • • • • • • • • • • • • • • •	••••••	••••
03-05										
05-08	6.5		B • 4	15.0	22.3	4.8		4 2	42.1	
09-11	B • 2	• 1	9.7	18.1	18.0	4.0			40.0	
12-14	7.0		8.9	15.9	14.9	3.6	. 4		34.7	
15-17	6.4		5.4	12.9	10.8	3.1			26.8	
18-20										
21-23										
HCURS ALL	7.2	.0	3.6	15.6	15.8	3.7	• 1		35.5	2
							MONTH:	DEC		
00-02	•••••	•••••	• • • • • • • • • • • • • • •	•••••	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	•••••	••••
03-05										
06-08	3.9	1.4	13.7	19.0	23.9	1.4	1.8		46.1	
09-11	3.8	1.8	15.5	21.0	21.5	1.5	1.6		45.7	
12-14	3.3	• 2	14.0	17.5	15.7	2.2	. 9		36.4	
15-17	2.3	• 3	9.9	12.9	14.6	2.9	• 6		31.0	
18-20										
21-23										
ALL HDJØS	3.3	1.0				2.0			39.5	2

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

noon maar a jaan 1966 - Maryaddan Maria, waxaa ay a Maria nadhaa ayaan Maria Maria ahaa 197	3 - JUL 88	D: AUG 7		MONTH:			LO ANGS WI	TO NAME: VOLK FL
	TOTAL NO. DF DBS	ALL TZEC NZV OT	DUST &/DR SAND	BLOWING SNOW	SMOKE &/UR HAZE	FOG	PRECIP	CROZEN HATE PROCIP
10 mag. 1 mag. 1 april	0	• • • • • • • •		• • • • • • • • •	• • • • • • • •	••••	• • • • • • • • •	
	o							
	273	42.1			4.8	22.3	15.0	w 🗸 😘
	802	40.0			4.0	1ª.0	18.1	4.7
	812	34.7		• 4	3.6	14.9	15.9	
	544	26.8			3.1	10.8	12.9	5.4
	C							
	0							
	2431	35.5		• 1	3.7	15.4	15.6	
			DEC	момти:				
• • • • • • • • • •	0	••••••	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • •
	0							
	284	46.I		1.8	1.4	23.9	10.7	13.7
· · · · · · · · · · · · · · · · · · ·	852	45.7		1.6	1.5	21.5	21.0	15.5
	855	36.4		• 9	2.2	15.7	17.5	14.3
in the second se	526	31.0		•6	2.9	14.6	12.9	9.9
	· · · · · · · · · · · · · · · · · · ·		*** ** ** ** **					
	ō							
	2517	39.5		1.2	2.0	18.4	17.9	13.6

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OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

			LST TO	UTC: +					HOURS:	ALL	Ď: ÄUG 7
HTMCM	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN		ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN
JAN		1.3	.8	16.9	,	18.9	11.9	3.4	2.3	• • • • • • • •	36.5
FEB		2.5	• 7	14.2		17.3	15.0	6.4	1.0		39.7
MAR	. 1	5.5	• ಚ	5.5		14.8	14.0	3.9	.7		33.4
APR	. 4	10.5		3.5		14.0	8.1	1.8	• 4		24.4
MAY	•6	7.1		•0		7.1	6.8	4.4			18.3
JUN	1.4	5.4				6.4	6.7	6.3	•	1	19.6
JUL	2.0	4.3				4.3	6.5	10.6			21.8
AUG	2.1	7.6				7.6	11.7	10.7			30 • 1
SEP	• 3	9.4		• 1		9.5	12.4	4.2			26.1
DOT	• 3	7.0		1 • 4		8.4	13.0	3.6			25.0
MOA		7.2	•0	8.6		15.8	15.8	3.7	• 1		35.5
pac		3.3	1.0	13.6		17.9	10.4	2.0	1.2		39.5
ANNUAL	. 7	6.1	. 3	5.1		11.4	11.3	5.4	• 5	.0	28.6

CENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

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6: VOLK FLD + 6	ANGB WI			PERIOD HOURS:		RD: AUG	73 - JUL 88	
FN HATL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS	
	18.9	11.9	3.4	2.3	• • • • • • •	36.5	3168	
	17.3	15.0	6.4	1.0		39.7	3135	
	14.8	14.0	3.9	• 7		33.4	3125	
	14.0	8.1	1.8	. 4		24.4	2993	
j	7.1	6.8	4.4			18.3	3184	
	6.4	6.7	6.3		. 1	19.6	3931	
<u> -</u>	4.8	6.5	10.6			21.8	3704	
	7.6	11.7	10.7			30.1	3853	
	9.5	12.4	4.2			26.1	3091	and the second s
4.	8.4	13.0	3.6			25.0	2983	
7	15.8	15.8	3.7	• 1		35.5	2431	
•.	17.9	18.4	2.0	1.2		39.5	2517	
ì	11.4	11.3	5.4	•5	•0	28.6	38115	

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OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM SUMMARY OF DAY DATA

STATION	NUMBER:	726436	STATION LST TO U	NAME: VOLK TC: +06	FLD ANGS	11			PERIOD OF R	ECORD: 6 HOURS:
MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP		HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SANO
JAN	.3	9.3	6.3	42.0	•••••	45.3	27.6	13.5	8.0	•••••
FEB	. 3	10.0	3.7	39.5	• 2	44.4	31.3	17.5	5.6	
MAR	1.6	19.3	2.7	23.8	.3	37.2	25.6	15.0	2.3	
APR	6.2	33.7	. 3	11.4	. 7	38.6	23.9	12.4	1.5	
MAY	10.2	34.0		1.0	1.1	34.1	22.2	13.0		
JUN	14.1	35.3			. 3	35.3	24.6	18.5		
JUL	16.5	29.8			.1	29.8	24.4	23.8		
AUG	13.6	31.3			.4	31.3	35.3	26.2		
SEP	3.1	34.9		• 3	• 2	34.9	36.2	19.1		
nc r	3.4	29.0		4.5	•5	31.4	27.2	13.8	•2	
VDV	1.5	26.1	1.3	23.9		43.1	35.1	17.0	• 9	
DEC	. 4	15.5	5.0	39.8		47.5	36.6	15.7	3.5	
ANNUAL	6.8	26.1	1.6	14.6	.3	37.4	29.0	17.3	1.7	

ENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM SUMMARY OF DAY DATA

en e u e e e e e e e e e e e e e e e e e			PERIOD OF RI MONTH: ALL			Ik	FLD ANGS	MAME: VOLK MTC: +06
TOTAL NO. OF DBS	ALL Dest To VSV	DUST &/OR SANO	BLOWING SNOW	SMOKE &/OR HAZE	FCG	ALL PRECIP	HAIL	FROZEN PRECIP
602	56.0	• • • • • • •	8.0	13.5	27.6	45.3		42.0
572	58.7		5.6	17.5	31.3	44.4	• 2	39.5
 621	48.6		2.3	15.0	25.6	37.2	.3	23.8
599	45.4		1.5	12.4	23.9	38.6	.7	11.4
630	44.4			13.0	22.2	34.1	1.1	1.0
 702	48.3			18.5	24.6	35.3	. 3	
697	48.5			23.8	24.4	29.8	.1	
599	53.8			25.2	35.3	31.3	.4	
501	51.8			19.1	36+2	34.9	• 2	• 3
576	44.5		•2	13.8	27.2	31.4	•5	4.5
547	50.3		• 9	17.0	35.1	43.1		23.9
 566	50.2		3.5	15.7	36.6	47.5		39.8
 7422	51.2		1.7	17.3	29.0	37.4	•3	14.6

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OPERATING LOCATION "A" USAFETAC. ASHEVILLE NG

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS FROM HJURLY D3SERVATIONS

STATION	NUMBERE	726436		NAME: V UTC: + 6	OLK FLD	ANGB WI			PERIOD DE	RECORD:	AUG 73	J
HOURS (LST)	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEB	OCT	VCN	ne.
00-02	• • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • • •	•••••	•••••	•••••	• • • • • • • • •	•••••	• • • • • •	• • • •
03-05												
06-09			. 3		. 3	• 9	1.6	3.5	1.6	• 2		
09-11				. 4	. 4	• 3	2.0	2.3	• 0	.3		
12-14			•1	• 4	• 3	2.0	1.8	1.1	• 6	.4		
15-17				• 7	1.9	1.5	2.6	1.9	• 2	•5		
18-27												
21-23												
ALL HOUPS			•1	. 4	•6	1.4	2.0	2.1	• H	• 3		
TOTAL 085	3158	3135	3125	2993	3184	3931	3794	3953	3091	2 383	2431	25

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PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS

4			FROM	HOURLY							
	"E: VOLK FLD ANGO WI				f	PERIOD OF RECORD:		AUG 7	3 - JUL 88		
	APR	MAY	JUN	JUL	AUG	SED	DCT	VCN	ŋEC	•••	
į	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	••••••	• • • • • • •	• • • • • • • • • • •	•••	
1											
į		. 3	•9	1.6	3.5	1.6	• 5				
-	. 4	. 4	. ક	2.0	2.3	• 9	. 3				· · · · - · - · · · ·
1	• 4	. 3	2.0	1.8	1.1	•6	. 4				
j	• 7	1.9	1.5	2.6	1.9	• 2	•5				
-											· · · -
i .	.4	.6	1.4	2.0	2.1	. B	.3	• • • • • • •	· · · · · · · · · · · · · · · · · · ·		· -
	993	3184	3931	3704	3953	3091	2783	2431	2517		
•	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • •	• • •	

USAFETAC, ASHEVILLE NO			SUS WIND DIRE						
STÄTION NUMBER		LST TO UTO	: + 6		PERTOD OF RECORD: AUG 73 - Month: Jan Hours: All				
PHENUMENA	CALM	VARIABLE	340 - 069	070 - 149	150 - 249	250 - 339	N.		
TSTMS	•••••	• • • • • • • • • • • •	•••••	• • • • • • • • • • • •					
LIQUID PRECIP	7.5		25.0	50.0	7.5	10.0			
FREEZING PRECIP	20.0		16.0	36.0		28.0	····		
FROZEN PRECIP	12.1		14.3	20.8	14.1	38.7			
FOG	19.8		9.6	25.3	24.2	20.9			
FOG WITH VIS			10.1		26.1	22.3			
TOTAL OBS	445	0	193	408	591	1540	0		
•••••	•••••	• • • • • • • • • • • •		• • • • • • • • • • •		MONTH: FER	HOURS: ALL		
TSTMS	• • • • • • • • •	• • • • • • • • • • • •		• • • • • • • • • • •	• • • • • • • • •		• • • • • • • • • • • • • • • •		
LIQUIO PRECIP	8.5		21.0	35.8	22.2	12.3			
FREEZING PRECIP			38.1	42.9		19.0			
FROZEN PRECIP	10.6		24.4	19.5	13.4	27.1			
FOG	19.1		16.5	31.3	13.2	19.8			
FOG WITH VIS	18.6		16.8	30.8	13.7	20.1			
TOTAL OBS	423	0	387	481	612	1232	0		

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PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

ATION NO	AME: VOLK FLD C: + 6	ANGR HI			: AUG 73 - JUL 38 RS: ALL	8	
ABLF			150 - 249		NO OF OBS		
	25.0	50.0	7.5	10.0	40		
	16.0	36.0		23.0	25		
	14.3	20.8	14.1	38•7	53A		
•	9.6	25.3	24.2	20.9	363		
 	10.1	24.0	26.1	22.3	337		
0	193	408	591	1540	0 3167		
1	• • • • • • • • • • • • •	••••••	• • • • • • • • • • •		••••••		
		• • • • • • • • • • • • • • • • • • • •	M	ONTH: FER HOUS	RS: ALL		
	21.0	35.8	22.2	12.3	٩1	<u>-</u> .	
	38.1	42.9		19.0	21		
	24.4	19.5	13.4	27.1	451		
	16.5	31.3	13.2	19.8	470		
	16.8	30.8	13.7	20.1	452	T 3 1511	
0	387	481	612	1232	0 3135		

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

USAFETAC. ASHEV	TILLE NO	VE-	(202 NIND DIK	ECTION FROM I	HOOKET DROE	KANTIONS	
STATION NUMBER:	_	LST TO UTO	: + 6			MONTH: MAR	
PHENOMENA	CALM	VARIABLE	340 - 059	070 - 149	150 - 249	250 - 339	
TSTMS	50.0		• • • • • • • • • • • •	• • • • • • • • • • • •	50.0	•••••••	••••••
LIQUID PRECIP	4.7		14.7	44.4	20.5	16.4	
FREEZING PRECIP			20.0	50.0		20.0	
FROZEN PRECIP	6.3		22.1	30.5	11.8	29.4	
FOG	10.1		11.2	39.1	22.4	17.2	
GE 1/2 MILES	9.1			39.4	23.9	17.0	
TOTAL DBS	232	ົ ງ	494	710	633	1956	J
						MUNIH: APR	HOURS: ALL
TSTMS	• • • • • • •	• • • • • • • • • • • •	8.3	33.3	58.3	• • • • • • • • • • •	•••••
LIQUID PPECIP	2.6		37.0	34.1	8.7	16.7	
PRECIP							
PROZEN PRECTP			33.0	14.2	6.6	45.2	
FOG	4 • 1		32.2	41.7	9.1	12.8	
FOG WITH VIS GE 1/2 MILES	3.0		33.0	41.6	9.0	13.3	
TOTAL D8S	161	0	535	703	600	394	9

CONTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENAL VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

	73 - JÜL 98 ' L	CORD: AUG HOURS: ALL	PERIOD OF REG		ANGB WI	N NAME: VOLK FLD
	NO DE DBS		250 - 339	150 - 249	070 - 149	340 - 059
	2	• • • • • • • • • • •	• • • • • • • • • • • •	50.0	• • • • • • • • • • •	
	171		16.4	20.5	44.4	14.7
	25		20.0		50.0	20.0
	272		29.4	11.8	30.5	22.1
	437		17.2	22.4	39.1	11.2
	406		17.0	23.9	39.4	11.6
	3125)	1056	633	710	494
	L	HOURS: ALL	MONTH: APR			
	12		• • • • • • • • • • •	53.3	33.3	8.3
<u>.</u>	311		16.7	8.7	34.1	37.0
	106		46.2	6.6	14.2	33.0
	242		12.8	9.1	41.7	32.2
	233		13.3	9.0	41.6	33.0
	2993	0	394	600	703	635
			· • • • • • • • • • • • • • • • • • • •		 	·····

OPERATING LOCATION "A"
USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

USAFETAC. ASHEV	ILLE NO	VēF	RSUS WIND DIR	ECTION FROM I	HUURLY OBSE	RVATIONS	
STATION NUMBER	726436	STATION NA	ME: VOLK FLD	ANGB AI		PERTOD DE RE MONTH: MAY	CORD: AUG 73 - HOURS: ALL
PHENOMENA	CALM	VARIABLE	340 - 969		150 - 249	250 - 339	N
TSTMS	5.3	• • • • • • • • • • •	10.5	15.8	47.4	21.1	••••••
LIQUID PRECIP	6.9		27.7	30.9	13.6	20.9	
FREEZING PRECIP							
FROZEN PRECIP			100.0				
FOG	19.1		16.7	42.3	11.2	10.7	
FOG WITH VIS GE 1/2 MILES			16.5		10.9	10.9	
TOTAL OBS	265	Ŭ	468	709	918	824	O
						MUNTH: JUN	
TSTMS	9.1	•••••	12.7	27.3	34.5	16.4	
PRECIP	9.6		19.2	25.1	17.4	28.8	
FRECIP							
FROZEN PRECIP							
FOG	9.4		16.5	35.2	21.5	16.2	
FOG WITH VIS GE 1/2 MILES	9.5		15.7	36.1	21.3	16.3	
TOTAL UBS	244	0	536	747	1186	1217	2

			ENCES OF ATM HOURLY OBSE	OSPHERIC PHEN RVATIONS	IOMENA	
14E:		ANGB AT		PERTOD OF RE	CORD: AUS 73 - HOURS: ALL	JUL 88
34	0 - 069	070 - 149	150 - 249	250 - 339	NO	DE 085

30.9

27.7

47.4

13.6

			• • • • • • • • • • • • • • • • • • • •	·		
100.0					1	
16.7	42.3	11.2	10.7		215	
16.5	43.1	10.9	10.9		211	
465	709	918	824	0	3184	

21.1

20.9

19___

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		4	NUL : HTWO	HOURS: ALL	
	27.3				55
19.2	25.1	17.4	28.8		219

16.5	35.2	21.5	16.2		265	
15.7	36.1	21.3	16.3		263	
536	747		1217	·····	3930	

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OPERATING LOCATE	ION "A" ILLE NO	PERCENTA VERS	GE FREQUENCY US WIND DIRE	OF OCCURRENCTION FROM F	ICES OF ATM	OSPHERIC PHEN	AV BMCI
STATION NUMBER:	726435	STATION NAM	E: VOLK FLD + 6	ANGB ⊿I		PERIOD OF RE	CORD: AUG 73 -
PHENTIMENA	CALM	VARIABLE	340 - 059	070 - 149	150 - 249	250 - 339	4
TSTMS	12.2	• • • • • • • • • • • • •	14.9	24,3	21.6	27.0	•••••
LIQUID PRECIP	10.3		11.1	28.6	31.0	19.0	
FREEZING PRECIP							
ERUZEN PRECIP							
FOG	16.7		11.5	38.9	21.4	11.5	
FOG WITH VIS			11.6				
TOTAL OBS	377	0	527	533	1220	1047	0
••••••	• • • • • • • •	• • • • • • • • • • • • •		• • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • •	
						MONTH: AUG	HOURS: ∆LL
TSTMS	7.5	• • • • • • • • • • • • •	7.5	23.8	42.5	13.8	••••••
66EC16 F10A10	11.5		16.9	30.7	24.6	16.4	
FREEZING PRECIP							
FROZEN PPECTP							
FQG	20.8		11.9	34.2	22.3	10.8	
FDG WITH VIS GE 1/2 MILES			12.1		22.7	-	
TOTAL OBS	452	0		64R	1341	974)

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TIAGE EREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA (2.45)5 WIND DIRECTION FROM HOURLY UBSERVATIONS

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17C: + 6				PERIOD OF RECOR	URS: ALL	
340) - 059	070 - 149	150 - 249	250 - 339		NO DE 1135
	14.9	24.3	21.6	27.0	• • • • • • • • • •	74
	11.1	23.5	31.0	19.0		126
		34.9 -				234
		33.5				232
-	527	533	1220	1047	· · · · · · · · · · · · · · · · · · ·	3704
				MONTH: AUS HO		
		23.€				30
	10.4	30.7	24.5	16.4		244
	11.9	34.2	22.3	10.P		453
	12.1	34.4	22.7	10.8		445
• • • • • • • • •	434	544	1341	974	· · · · · · · · · · · · · · · · · · ·	3053
• • • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • •

OPERATING LOCAT USAFETAC, ASHEV		PERCENTAGE VERSUS		ECTION FROM H			NUMENA
STATION NUMBER:	726436	STATION NAME: + : OTU OT TEL		ANGB WI		PERTOD ÖF R MONTH: SEP	
PHENOMENA	CALM	VARIARLE 3	40 - 069	070 - 149	150 - 24	9 250 - 339	• • • • • • • • • •
TSTMS	3.9	••••••	11.5	30.8	46.2	7.7	• • • • • • • • • •
LIGUID PRECIP	7.9		17.7	35.7	14.4	24.2	
FREEZING PRECIP							
EROZEN PRECIP					50.0	50.0	
FNG	13.2		10.1	37.6	29.7	18.4	
FOG WITH VIS GE 1/2 MILES	12.6		10.4	37.7		18.2	
TOTAL 985	302	0	307	494	926	1060	
• • • • • • • • • • • • • • •	•••••	••••••	• • • • • • • •	• • • • • • • • • • •	•••••	• • • • • • • • • • • •	• • • • • • • • • •
						MONTH: OCT	
TSTMS	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	30.0	30.0	47.0	• • • • • • • • • •
LIQUID PRECIP	7.3		18.5	23.3	23.4	22.4	
FREEZING PRECIP							
PRECIP PRECIP	11.9		7.1	4.3	9.5	55.7	
FOG	15.7		7.7	41.4	26.5	8.7	
FOG WITH VIS GE 1/2 MILES	13.4		7.9	43.0	26.9	8.9	
TOTAL DBS	299	9	299	537	772	1076	• • • • • • • • • • • • • • • • • • •

OFNIAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA-VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

	S: ALL		М	ANGB WI	NAME: VOLK FLO OTS: + 6
	NO OF OBS		150 - 249	070 - 149	340 - 069
	26	7.7	46.2	30.8	11.5
	277	24.2	14.4	35.7	17.7
	· · · · · <u>-</u> · · · ·				
	2	50.0	50.0		
	366	18.4	29.7	37.6	10.1
	374	18.2	21.1	37.7	10.4
	e 3091	1060	928	494	307
	S: ALL	ÖNTH: OCT HOUR	r4		
	10	40.0	30.0	30.0	
	205	22.4	23.4	23.3	18.5
•					
	42	55.7	9.5	4.3	7.1
	399	R.7	26.5	41.4	7.7
	372	8.9	26.9	43.0	7.9
	2783	1076	772	537	299

1 - 5 - 6

OPERATING LOCATION MAM PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO STATION NAME: VOLK FLD ANGB HI PERIOD OF RECORD: AUG HONCH YOURS: ALI STATION NUMBER: 726436 LST TO UTC: + 6 340 - 069 070 - 149 150 - 249 250 - 339 CALM VARIABLE TSTMS 27.3 24.4 23.9 15.2 CIUUIJ 6.3 PRECIP 100.0 FREEZING PRECIP FROZEN 21.1 55.1 4.0 PRECIP FOG 23.4 24.4 21.3 14.3 16.1 FOG WITH VIS 22.7 25.1 22.5 13.1 16.6 GE 1/2 MILES 343 253 MONTH: DEC HOURS: ALI TSTMS 27.7 24.1 21.7 FIGNIO 20.5 6.0 PRECIP FREEZING 20.0 12.0 44.0 4.0 20.0 PRECIP 14.5 13.0 20.3 45.5 FROZEN 6.7 PRECIP 32.8 18.3 FUG 7.0 23.3 18.7 30.5 20.2 24.6 FOG WITH VIS 17.3 7.3 GE 1/2 MILES 310

4 - 5 - 6

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS AINO DIRECTION FROM HOURLY OBSERVATIONS

TATION NAME ST TO UTC:	+ 5	ANGB WI		PERIOD OF RECOMMENTH: NOV HO	RD: AUG 73 - JUL 88 TURS: ALL	
IABLE	340 - 069	070 - 149		250 ~ 339	NO OF OBS	
	• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • •			
	27.3	24.4	23.9	15.2	176	
	100.0				1	
	21•1	• 5	∂ . 6	55.1	209	
	16.1	23.4	24.4	21.8	395	
_	16.6	22.7	25.1	22.5	374	
. J	253	343	647	981	0 2429	
• • • • • • • • • • •	• • • • • • • • • •		•••••	MONTH: OFC HO	JURS: ALL	
	6.3	27.7	24.1	21.7	93	
	12.0	44.0	4.0	20•9	25	
	14.5	13.0	20.3	45.5	345	
	7.0	32.8	18.3	23.3	460	
	7.3	30.5	20.2	24.6	410	
)	17 8	379	525	1126	0 2517	
· · · · · · · · · · · · · · · · · · ·					• • • • • • • • • • • • • • • • • • • •	

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA OPERATING LOCATION "A" VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO PERIOD OF RECORD: AUG 73 STATION NUMBER: 726436 STATION NAME: VOLK FLU ANGB WI LST TO UTC: + 6 MONTHS: ALL 150 - 249 250 - 339 PHENOMENA CALM VARIABLE 349 - 069 070 - 149 TSTMS 25.2 19.4 8.3 10.8 35.3 13.6 21.7 32.0 20.0 LIQUID 7.3 PRECIP FREEZING 10.3 21.6 45.4 1.0 21.6 PRECIP FROZEN 3.5 17.5 14.8 39.7 19.3 PRECIP -06 15.5 20.1 15.6 13.1 34.7 FOG WITH VIS 14.4 13.5 34.5 20.8 16.9 GE 1/2 MILES TOTAL OBS

5691

9965

13027

4715

3713

1	FUTAGE VERSUS	FREQUENCY OF OCCURR WIND DIRECTION FROM	ENCES OF ATMOSPHERIC PHENOMENA HOURLY OBSERVATIONS
•	MAME:	VOLK FLU ANGB WI	PERIOD OF RECORD: AUG 73 - JUL 88 MONTHS: ALL

	· · · · · · · · · · · · · · · · · · ·			-
 NO OF OBS	the state of the s	150 - 249	070 - 149	340 - 069
 278	19.4	35.3	25.2	10.8
 2153	20.0	18.6	32.0	21.7
97	21.6	1.0	45.4	21.6
1965	39.7	14.8	17.5	19.3
4299	15.6	20.1	34.7	13.1
4109	16.9	20.9	34.5	13.5
38111	13927	9965	5691	4715

333388888 TTTTTTTTT 33 38 30 38 30 38 RRRRRRRR AAAAAA рррррррр TTTTTTTTT RRRRRRRR ΑΑΑΑΑΑΑ ороррорро TT RR RR AA op pp AA TT RR P968888999 AA pp $\Delta \Delta$ 11 RERERERE ΛA A۸ 9009489843 оорроррор **T T २**8२३२**२**२२ AAAAAAAAA 38 88 83 84 daddddac TT ୧୧ ९२ 44444444 33 30 TT ત્રંવ **R**R 948998888 948998888 AA AA pР TT 85 *च* छ ĄΛ AA $\rho \rho$ \aleph AA AA ρĐ

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PART 3

PRECIPITATION: SNOWFALL: SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOO) JATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION,
SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS
COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS,
PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT
OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION
COUNT. A VALUE OF ".O" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE,
AMOUNT TO LESS THAN .OS PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY.

THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS. AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR AHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.
THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE UBS-ERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. M.OOM MEANS NO PRECIPITATION FOR THE MONTH, WOU MEANS NO SNOW SOUND STAFF HOW THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF DOCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".O" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OF LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED JMEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

3 - 1 - 2

- NOTE I. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD MTRACEM WILL APPEAR IN THE APPROPRIATE COLUMN.
- NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.
- NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUFS AS TO MHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING DASSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALEUNCTION, BUT MORE THAN SEVERAL MISSING DASERVATIONS USUALLY MEANS THE STATION IS (OR HAS REEN) CLOSED.
- NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.
- NUTE 5. BEFORE JANUARY 1956, SNIWFALL ICCUPRENCES IN THE SUMMARY OF HAY INCLUDED HAIL.
- NUTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FURCE		NAVY AND NATIONAL WEATHER	SERVICE
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 341
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 G4T
JUN 1957 TO PRESENT:	1200 341	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIOWYS ERROUENTLY REPRESENT AMOUNTS MEASURED FOR REKIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR MIDNIGHT TO MIDNIGHT MADUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCI-FROM SUMMARY OF DAY DATA

STATION NUMBER:	726436		N NAME: UTC: +0		IN EDNA				PERIOD HINOM	
AMOUNTS (INCHES)	JAN	FFB	MAR	APR	MAY	PUL	JUL	ΔUG	SEP)(
NONE	41.1	47.3	50.3	49.5	51.7	50.7	56.5	55.7	52.3	55
TPACE	22.8	25.2	19.8	10.5	12.4	10.3	10.2	11.2	9.2	12
.01	4.6	1.9	1.9	2.5	2.4	2.7	2.7	3.0	3.3	3
.0205	10.2	3,1	5.8	8.0	7.9	6.5	5.1	4.3	5.9	י
.0610	7.5	5.5	5.3	٩.4	5 • 2	4.9	3.2	3.4	4.4	4
.1125	8.4	5.0	3.5	3.5	6.7	10.8	6 . 8	5.9	3.1	. 5
.2550	3.4	3.9	3.7	5.9	5.9	6.2	7.1	6 • ē	5.3	,
.51-1.90	1.8	1.9	4.0	4.3	4.3	5.5	5.3	5.5	5.1	. 4
1.01-2.50	• 2		• 5	2.2	2.7	2.1	3.0	3.0	4 • 1	1
2.51-5.00				• 2	• 3	.3	• 2	.3	• 3	3
e.01-10.00										
10.01-20.00										
SVER 20.00										
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	••••
DAYS WITH MEAS AMTS	36.1	27.0	29.8	40.0	35.9	39.1	33.3	33.1	33.5	37
TOTAL NO. OF OR SERVATIONS	510	571	620	598	629	673	554	677	508	3 .

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES

14ME:	VOLK FLD 6	IN ÉDNA				PERIOD OF RECORD: 6409-8808 MONTH: ALL HOURS: ALL					
~AQ	APR	MAY	NUL	JUL	AUG	SEP	700	VON	DEC	ANN	
∵).3	49,5	51.7	50.7	56.5	55.7	52.3	55.6	43.5	40.5	49.9	
19.4	10.5	12.4	10.3	10.2	11.2	9.2	12.3	20.0	25.4	15.5	
1.7	2.5	2.4	2.7	2.7	3.0	3.3	3.0	5.5	4.1	3.1	
ं • न	8.0	7.9	5.5	5.1	4.3	5.9	5.7	9.9	7.8	7.0	
"· 3	٩.4	5.2	4.9	3.2	3.4	4.4	4.8	3.7	6.7	5.2	
(•5	3.5	5.7	10.8	6.8	6.9	3.1	5.9	6.6	7.5	7.7	
3.7	5.9	5.9	6.2	7.1	6.5	5.3	5.1	5.7		5.4	· ·
٠.٥	4.3	4.3	5.5	5.3	5.5	5•1	4.9	3,5	2.1	4.2	
• 5	2.2	2.7	2.1	3.0	3.0	4 • 1	1.8	1.7	1.1	1.9	
•	• 2	. 3	• 3	• 2	• 3	• 3				• 1	

1.4	40.0	35.9	39+1	33.3	33.1	34.5	32.1	36.5	33.9	34.6
20	578	629	673	554	677	503	510	545	564	7369

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

NUM MEITATS	18FR: 7264)		AR NOTTA	_	FLO ANG	B WI			PERIOD MONTH:	DF REC	930 : H00≥S
YEAR	VAL	FE8	MAR	APR	MAY	NUL	JUL	AUG	SED	130	*****
********	•••••	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	E 46	.39	••••
64 55	.38	.20	1.34	3.16	4.56	1.69	4.51	4.76	5.48 10.00	1.67	1.1
2.3	• 20	• 20	1.54	3.19	4.50	1.07	7.31	44.70	19100	1457	L • J
56	• 90	1.83	4.31	1.26	•93	1.06	2.39	1.55	1.01	•69	. 9
67	2.35	.97	1.35	2.19	1.04	7.06	1.02	2.97	3.30	3.00	. 9
68	1.12	.28	1.14	3.93	4.28	5.d7	2.24	3.55	7.13	1.34	1.3
6)	1.84	.13	1.33	2.35	2.59	5.59	2.23	2.59	2.01	4.71	• 5
70	•43	•26	2.22	1.70	7.40	2.03	1.99	2.03	5.76	3.42	2.7
71	1.51	2.42	• à0	1.58	4.13	3.19	4.32	4.38	2.26*	1.92*	2.0
72	•68*	.35*	1.27*	2.37*	1.26*	1.15	4.87	5.44	3.54	3.29	1.0
73	•68*	. 96*	2.71*	4.18*	5.79*	3.22	.59	3.63	2.73	2.65*	1.5
74	.44*	1.53*	2.39*	2.19*	1.97*	4.65*	2.32	3.48	1.35*	1.688	• 1
75	1.33*	1.55*	2.24k	3.66	1.33*	4.32	1.97	7.14*	.86*	.41*	2.2
76	2.46*	2.49*	2.66%	3.56*	2.06*	1.62*	2.75	. 34	.35*	•52*	TMAC
77	•56*	1.38*	2.60*	2.90*	3.80*	4.30*	4.35*	2.52*	4.21*	2.49*	3.4
73	1.60*	.35*	· 25*	3.71*	4.35*	5.58	7.91*	4.73	5.46*	1.44*	2.41
70	4.05*	• 36×	2.17*	1.21*	4.38*	3.71	2.44*	y∙37¢	.74*	3.15*	2.4
80	1.66*	, 58*	1.51*	1.87*	2.59*	4.05	2.59	9.33	6.27*	2.71*	• 41
91	.23*	1.32*	494	6.73*	.44*	2.24	6.94	4.93*	2.27*	2.35*	1.0
52	2.52*	•38	1.64*	3.11*	4.33*	1.92	3.37	2.38	2.00*	2.57*	4 . 5
e3	.54*	2.30*	1.92*	1.63*	5.04*	.77*	5.00*	5.57	6.50*	3.19*	3.44
44	.64×	1.42*	1.57*	3.94*	2.23	4.53*	4.21 *	1.34	4.75*	6.50	3 . 4
6 5	. 95*	1.53*	2.82*	2.54*	2.58*	3.39	1.92*	4.30*	4.77*	3.23*	4.4
46	.50	1.22	1.56*	2.29*	1.27*	6.92	5.40*	2.41*	1.49*	1.72*	1.31
87	• 97*	.54	1.95	3.77*	4.72*	4.81	5.63*	1.63*	1.83*	1.31*	3.6.
83	1.57	.24	1.43*	2.12*	• 5 2*	1.54	2.23*	2.64*			

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES-FROM SUMMARY OF DAY DATA

		.L	ีวิลัĐ: 640° HOUR S: AL	ALL	MONTH:) M (_	.Me: VOLK : +06
	ANNUAL	DEC	VON	100	SEP	AUG	JUL	JUN	MAY	APR
	7.60*	.55	1.18	.39	5.48	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •
	37.03	2.42	2.04	1.67	10.00	4.96	4.51	1.69	4.56	3.16
	15.58	1.73	•93	•69	1.01	1.55	2.39	1.06	•93	1.26
	28.23	1.54	. 94	3.00	3.30	2.97	1.02	7.66	1.04	2.13
	34.39	2.47	1.04	1.34	7.13	3.55	2.24	5.47	4.28	3.93
	29.62	1.54	.51	4.71	2.01	2.59	2.83	5.59	2.59	2.35
	32.40	1.33	2.78	3.42	5.76	2.03	1.99	2.03	7.40	1.70
	31.64*	2.01	2.93*	1.92*	2.26*	4.38	4.32	3.19	4.13	1.58
	34.03*	2.74*	1.08*	3.28	8.54	6.44	4.87	1.15	1.26*	2.37*
	29.95*	1.24*	1.56*	2.65*	2.73	3.63	.54	3.22	5.79*	4.15*
	24.06*	1.68*	.13*	1.88*	1.35*	3.48	2.32	4.65*	1.97*	2.19*
· - · - 	29.65*	2.53*	2.22*	.41*	·86*	7.14*	1.97	4.32	1.33*	3.55
	19.85*	.54*	TRACE*	•52*	.85*	. 34	2.75	1.62*	2.06*	3.56*
	32.85*	.14*	3.61*	2.48*	4.21*	2.52*	4.35*	4.30*	3.80*	2.90*
	38.95*	1.05*	2.46*	1.44*	5.46*	4.79	7.91*	5.58	4.35*	3.71*
	34.29*	. 76*	2.41*	3.15*	.74*	4.37*	2.44*	3.71	4.38*	1.21*
	34.15*	.29*	• 45*	2.71*	6.27*	9.38	2.59	4.06	2.68*	1.87*
	30.50*	1.15*	1.00*	2.36*	2.27*	4.93*	6.94	2.24	.44*	6.73×
	31.83*	2.73*	4.88*	2.57*	2.00*	2.38	3.37	1.92	4.33*	3.11*
	37.76*	1.25*	3.44*	3.19*	6.50*	5,67	5.00*	.77*	5.04*	1.63*
	36.75*	1.98*	3.49*	6.50	4.75*	1.34	+.21*	4.55*	2.23	3.94*
	34.64	1.99*	4.43*	3.23*	4.77*	4.304	1.92*	3.39	2.58*	2.54*
	33.74*	.45*	1.31*	1.72*	1.49#	2.41*	5.40*	6.92	1.27*	2.29*
	32.45*	2.65*	2.63*	1.31*	1.83*	1.63*	5.53*	4.81	4.72*	3.77*
	12.84*		-	- · ·		2.64*	2.23*	1.54	.52*	2.12*

and the second s

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GPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER:		LST	TO UTC:	+06	LU ANGS				HINCH	OF RECORD: ALL HOUR
λέν τ	PAL	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	OCT

• • • • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • •
Fire	: ز •	.13	• 3 🗲	1.25	. 93	1.05	• 4ª	. 34	1.01	.39	•
G-CATEST	4.00	2.30	4.71	5.73	7.40	7.66	7.91	7.39	10.00	6.50	4.
ME At.	1.22	.76	1.12	2.54	3.42	3.69	2.39	3.72	5.22	2.79	1.
arolin	1.12	.33	1.35	2.52	3.41	3.39	2.59	3.52	5.48	3.0€	1.
50	•586	.760	1.005	1.004	2.153	1.973	1.606	2.232	3.120	2.013	. 7
TOTAL UMS	410	571	520	598	529	673	564	677	608	610	£

THE GREATEST VALUE OF 10.00 OCCURRED ON 09/65

WITE: ATHE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR T

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

:-: VOLK F +06		-				ALL H	TURS: ALL	-	
APR	MAY	NUL	JUL	AUG	2Eb	OCT	NOV	DEC	ANNLIAL

1.25	. 13	1.36	63	3.4	1 01	.39	5.1	5.5	13.59
5.73					1.01	• 3 /	• 71	• 55	13.5
		7.66				6.60	4.88	2.74	38.95
2.54	3.42	3.69	2.99	3.72	5.22	2.79	1.34	1.70	29.57
2.52	3.41	3.39	2.69	3.52	5.48	3.00	1.04	1.54	30.51
						2.013			6.478
5,04	529	6.73	664	677	608	510	545	564	7369
			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	*******
10.00	accus	RRED ON	09/65			-			

J IN A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER	7264		ATION NAI T TO UTC		FLO ANG	B WI			PERIOD MONTH:	OF REC	069: HOURS
YEAR	JAN	FE8	MAR	APR	MAY	JUN	JUL	AUG	SEP	ijCT	:
64	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	1.70	.11	••••
65	.12	.15	•68	.97	2.66	.67	1.61	1.50	2.28	•86	• 5
65	. 30	1.00	1.30	• 42	• 42	. 32	.78	• 75	.57	.27	• 3
67	•98	.29	.67	.43	.83	1.72	. 73	•76	2.08	1.00	• 4
5 8	•29	.09	.47	1.21	1.28	2.53	• 52	1.51	2.57	.61	• :
69	.54	.10	•42	• 79	.30	1.34	1.13	2.43	•65	1.17	• 2
70	.15	.12	1.41	.81	1.59	• 80	• 80	1.53	2.19	1.24	. 7
71	. 71	. 79	• 35	•61	1.64	• 65	1.80	1.39	.63*	.54*	1.1
72	.26*	.13*	.37*	1.12*	.32*	.45	1.64	1.33	1.65	1.56	• 5
73	.19*	. 37*	*00*	1.04*	1.40*	1.18	.26	1.19	.70	.71*	• 44
74	.17*	.42*	.47*	1.04*	.72*	1.03*	•59	1.15	.42*	.91*	• 0
75	.32*	•62*	• 6 4 *	2.61	.30*	.98	• 60	3.08*	.41*	•59*	1.0
76	.65*	1.00*	.92*	1.49*	1.95*	.62*	1.04	.18	•50*	.41*	TPAC
77	.20*	.88*	• 95*	1.09*	1.57*	1.00*	1.35*	.54*	1.04*	1.30*	1.5
7 8	.70*	.16*	.15%	1.06*	2.78*	1.34	3.64*	1.24	1.76*	.34*	. 9
79	.94*	• 53×	.30*	.34*	1.33*	1.06	.67*	2.30*	.49*	1.42*	• 5
90	• 55*	.20*	•40*	• 79*	1.26*	1.05	• 70	4.27	1.85*	1.07*	• 3
3]	.07*	.49*	.32*	2.37*	.19*	• 39	1.86	1.35*	.70*	.95*	. 4
9.2	1.20*	.16	.56*	1.46*	2.33*	. 42	•59	• 59	1.02*	63*	2.2
53	.13*	.32*	• 35*	.36*	1.05*	.50*	1.85*	1.75	4.72*	1.22*	1.9
P 4	.23*	.75*	.75*	2.02*	.71	2.00*	1.15*	.64	2.09*	1.44	1.7
95	.22*	• 40*	1.71*	•57*	1.63*	2.26	1.10*	1.32*	2.14*	1.70*	1.6
86	.21	•35	*66*	•90*	.35*	4.51	1.58*	.94*	1.57*	.67*	. 5
ಕ7	.49*	.27	•55	1.99*	1.61*	2.47	1.51*	.49*	.59*	.53*	.7
85	. 57	•03	• 75*	•98*	.73*	1.01	• ≒5*	.43*			

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

•	ME: VOLK : +06	FLD ANG	B WI			PERIO MONTH		ORD: 640 HOURS: A			
$\lambda <$	APR	MAY	NUL	JUL	AUG	SEP	OCT	NOV	of c	ANNUAL	
.	•••••	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	1.70	.11	.32	.20	1.70*	
ł	.97	2.66	• 67	1.61	1.50	2.28	•86	.84	.84	5.66	
•	• 42	•42	• 32	.78	• 75	.57	•27	• 36	. 30	1.30	
7	.43	.83	1.72	.73	•76	2.08	1.00	.45	. 49	2.08	
7	1.21	1.28	2.53	• 52	1.51	2.57	.61	• 28	•55	2.63	
	.79	.80	1.34	1.13	2.43	•65	1.17	• 36	.34	2.43	
1	.81	1.59	• 80	. 80	1.53	2.19	1.24	.74	•40	2.19	
	•61	1.64	•65	1.80	1.39	•63*	.54*	1.10*	.82	1.60*	
7.8	1.12*	.32*	.45	1.54	1.33	1.65	1.56	•51*	1.13*	1.65*	
j#c	1.04*	1.40*	1.18	• 20	1.19	• 70	.71*	.32*	.25*	1.40*	
- 2 %	1.04*	.72*	1.03*	• 5 9	1.15	· 42*	•91*	.07*	.52*	1.15*	
. *	2.61	.30*	•98	• 60	3.06*	.41*	.29*	1.06*	1.79*	3.CP*	
÷ +	1.49*	1.95*	•62*	1.04	.18	•50*	.41*	TRACE*	. 30*	1.95*	
, (e	1.09*	1.57*	1.00*	1.35*	.54*	1.04*	1.30*	1.57*	•86•	1.85*	
**	1.06*	2.73*	1.34	3.64*	1.24	1.76*	.84*	.95*	.39*	3.54*	
, e,c	. 34×	1.33*	1.06	.67*	2.30*	.49*	1.42*	.55*	.50*	2.30*	
, N.	• 79*	1.25*	1.05	• 70	4.27	1.88*	1.07*	•30*	.15*	4.27*	
3.546	2.37*	.19*	• 39	1.96	1.35*	.70*	.95*	.43*	.39*	2.37*	
<i>,*</i> e	1.45*	2.33*	• 32	.59	•59	1.02*	.63*	2.22*	1.23*	2.33*	
, at	.36*	1.05*	.60*	1.85*	1.75	4.72×	1.22*	1.98*	44*	4.72*	•
* + 9 e	2.02*	.71	2.00*	1.15*	•64	2.09*	1.44	1.74*	.34*	2.09*	
.1 *	.57*	1.69*	2.26	1.10*	1.32*	2.14*	1.70*	1.67*	1.31*	2.24*	· · · - ·
· Ķe	.90*	.35*	4.51	1.58*	.94*	1.57*	•67*	.52*	.17*	4.51*	
٠,	1.99*	1.61*	2.47	1.51*	.49*	.59*	.53*	.78*	1.02*	2.47*	
1 , 18	•98*	.73*	1.01	. 45*	. 43*		•	- -		1.01*	
		•		•	•					1.01.	

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES

STATION NUMBER:	726436	_	TO UTC:	-	FLD ANGS	MI .			PERIOD MONTH:	-	CORD: 6 Hours:
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	nct	Nη

•••••	• • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • • •
GREATEST	1.20	1.00	1.71	2.61	2.78	4.51	3.64	4.27	4.72	1.70	2.22
TOTAL OBS											
na2											545

THE GREATEST VALUE OF 4.72 OCCURRED ON 09/20/83

MOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE

EXHOUR NI STRUCHA ROLITATIPIDARY VIAC BERTXE FROM SYMMET AC YEARMLE MERT

(44E: VOLK f (3: +06	ELD ANGS	MI		 •	0: 6409 BURS: ALI	•	
APR						DEC	
		• • • • • • •	 	 	• • • • • • • •	• • • • • • • •	• • • • • • • •

V ***

2.61 2.78 4.51 3.64 4.27 4.72 1.70 2.22 1.70 4.72 5 598 629 673 664 677 608 610 545 564 7369

4.72 OCCURRED ON 09/20/83

SASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

8 - 2 - 38

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES

STATION NUMBER:	726435		N NAME: LUTC: +0	VOLK FLD 16	ANGS A	I			PERIOD OF	F RECORD: LL HOURS	
AMOUNTS (INCHES)	NAL	FER	MAR	APR	MAY	NUL	JUL	AUG	SEP	JCT	• •
NONE	45.0	53.1	53.2	86.7	99.0	100.0	100.0	100.0	99.8	94.8	• • • •
TRACE	25.3	27.1	16.9	7.2	1.0				.2	4.3	1
0.1-0.4	٥.٥	5.0	3.5	2.3						• 2	
0.5-1.4	11.3	7.4	5.8	2.3						• 3	
1.5-2.4	3.9	2.1	2.5	• 2							
2.5-3.4	3.3	1.4	• 8	• 5							
3.5-4.4	• 5	1.4	. 8	.3							
4.5-6.4	1.1	. 7	• ^a	• 2							
6.5-10.4	• 5	• 5	• 5	• 2							
10.6-15.4											
15.5-25.4											
25.5+50.4											
CVEK 50.4											
••••••••••	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • •	• • •
DAYS WITH MEAS AMTS	29.7	19.9	14.9	6.0						•5	17
TOTAL NO. JE OBSERVATIONS	609	569	617	596	629	701	697	7 09	608	610	£

CENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES FROM SUMMARY OF DAY DATA

AF: +0	VOLK FLO 95	ANGS &	ı			PERIOD DE MONTH: AL			808		
	APR	MAY	JUN	JUL	AUG	SEP	UCT	NOV	nec	ANN	
	86.7	99.0	190.0	100.0	100.0	99.8	94.8	63.9	50.6	7.18	
.,	7.2	1.0				• 2	4.3	18.6	26.5	9.9	
. ,	2.3						• 2	5.1	5.7	2.5	
• 1	2.3						.3	4.4	8.2	3.1	
• 1	• 2							. 3	4.3	1.1	
• "	• 5							•6	1.4	• 6	
•	.3							.6	1.1	. 4	
•	• 2							• 6	1.4	. 4	
• "	• 2							. 4	. 7	• 2	
									. 2	• 0	

• • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	
٠.)	5.0						•5	12.5	22.9	8.3	
617	596	629	701	697	202	803	510		563	7451	
-				- '					_		

and the second of the second o

المراجعين بسراجين والمحمية بمجال مسراحا فأراء الأراء الأراء الأراء الأراء الأراء الأراء الأراء

OPERATING LOCATION 'A' USAFETAC. ASHEVILLE NO

TOTAL MONTHLY SNOWFALL AMPUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER:	72643	_	ATEEN NA	-	FLD ANG®	ИI			PĒRĪĪĒ MONTH	D OF REC	ผอบจระ
YEAR	JAN	FEB	MAR	APR	YAM	JUN	JUL	AUG	SEP	700	-
64	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	.0	.ა	.0	.0	TRACE	1.6
65	6.8	8.2	10.5	2.5	• 0	•0	.0	• 0	• 0	TRACE	•1
66	9.9	4.6	1.5	. 7	•0	• 0	• 0	•0	• 0	TRACE	5.0
	14.5	8.7	7.3	1.4	TRACE	• 0	• 0	• 0	• 0	TEACE	3.3
69	5.6	2.1	. 7	1.0	• 0	• 0	• 0	• 0	• 0	TPACE	3. ñ
	11.7	. 7	10.6	TPACE	TRACE	• 0	• 0	• 0	• û	TRACE	• 5
70	5.0	2.6	9.0	• 2	TRACE	•0	٠٥	•0	•)	• 0	5.0
71	17.9	11.7	7.1	4.5	• •	• 0	• 0	• 0	• 0*	*C.	5.9
72	7.4*	5 . 7 *	5.4*	1.7*	• 0 *	• 0	• 0	• 0	• 0	• 3	1.4
73	4.0*	4.3*	1.6*	8.6*	• 0 *	• 0	• 0	• 0	• 0	TRACER	
74	4.2*	16.4*	7.ó*	1.2*	TRACE*	• 0 *	• 0	• 0	• C*	TRACE*	TRACE
75	15.2*	13.2*	13.4*	1.1	•0*	• 0	• 0	•0*	• 🔿 🌣	•) *	
76	19.9*	14.3*	2.1*	TRACE*	• 0*	.0*	•0	• 0	•)*	TRACER	TRAC=
77	4.8*	5.44	B.7*	. 3*	• 0 *	• 0 *	• 0	• ೧∗	• 0*	. (**	
78 1	12.0*	3.3*	3.)*	TRACE*	.0*	• 0	• 0*	• 0	.0*	.0*	5.0
79 8	29.0*	2.0*	2.0*	.2*	• O*	• 0	• 0*	•O*	• 0 *	TRACE *	2.3
30	9.0*	5.3*	15.2*	4.0*	• 0 *	• 0	.0	• ?	• 0*	TPACER	1.7
31 TS	RACE*	9.0*	TRACE*	TPACE*	•0*	• 0	• 0	.0*	.0*	TPACER	2.3
	19.0*	5.0	3.0*	5.0*	•0*	• 0	• 0	.0	. C *	TRACER	
93	r.3*	28.2*	7.2*	•6∗	•0*	.0*	•)*	• 0	TRACE*	.0*	
44	6.5*	1.1*	4.4*	1.5*	TRACE	• 0*	• j*	• 0	• 0*	THACE	5.0
	10.38	6.1*	7.5*	4.0*	•)*	. 6	•0*	• 2*	.0*	.0*	
86	7.6	8.1	5.2*	TRACE*	.0*	•0	•0*	•0*	•0*	TRACE*	7.3
87	9.6*	1.4	14.2	TRACE*	.0*	• 0	. 3*	.0*	• 0*	2.0*	3.5
	17.2	2.4	1.2*	5.3*	.0*	• 0	.0*	•0*			

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

TO UTC		FLD ANGS	₩I		PÉRIÓD OF RECORD: 5406-4908 MONTH: ALL HOURS: ALL					
18	APR	YAP	Ju4	JUL	AUG	SEP	аст	VOM	DEC	ANNUAL
	•••••	• • • • • • • • •	.0	.)	.0	.0	TRACE	1.6	7.0	S.6 ÷
10.0	2.5	• 0	.0	• 0	• 0	• 0	TRACE	• 1	3.0	31.2
1.5	. 7	•0	• 0	• 0	•0	•0	TRACE	5.0	12.4	34.1
7.3	1.4	TRACE	• 0	• 0	• 0	• 0	TRACE	3.3	5.1	40.3
. 7	1.0	• 0	• 0	• 0	•0	• 0	TRACE	3.8	30.8	44.0
10.5	TRACE	TRACE	•0	• 0	• 0	• 0	TRACE	. 5	17.0	47.5
3.3	• 2	TRACE	• 0	• 0	•0	• 0	• 0	5.0	11.7	33.5
7.1	4.5	• 0	٠,0	• 0	•0	•0*	.0*	5.9*	٩.1	55.2*
*	1.7*	• 0 *	• 0	• 0	• 0	• 0	. 3	1.4*	13.7*	36.)*
1.64	3.6*	.0*	• 0	• 0	• 0	• 0	TRACE*	1.4*	11.3*	31.2*
7.5*	1.2*	TRACE*	*C.	• 0	. 0	• C*	TRACE*	TRACEA	9.8*	39.2*
13.4*	1.1	•0*	.0	•0	•0*	• 9*	•0*	2.5*	4.4*	54.P*
7.1*	TRACE*	•0*	.o*	• 0	•0	• ∂*	TRACE	TRACE*	5.0 %	41.2*
- 7×	. 3*	• 0*	.0*	• 0	.0∗	• 0*	• (**	10.2*	1.04	30.4*
(و د	TRACE	.0*	.0	.0*	.0	.0*	.0*	6.0*	5.0*	30.3*
2.3*	. 2*	.0*	.0	• 0*	.0*	.0*	TRACL*	2.34	TPACER	35.5*
15.2*	4.0*	• 0 *	• 0	• 0	•0	• 0*	TPACE	1.0*	4.0*	39.50
ቸ 2 ½ ጠ ሞ æ	TPACE*	•0*	• C	• 0	.0*	.0*	TRACE	2.9*	11.0*	22.9*
3.0*	5.0*	.0*	• 0	• 2	.0	. C*	TRACER	TRACER	2.0*	34.0*
7.2*	.5*	•0*	•0*	• 2*	.0	TRACE*	•0*	3.5*	11.6*	56.4*
4.4*	1.5*	TRACE	· ^ *	• 3*	• 0	.0*	TRACE	5.0*	11.6%	30.1*
7.5*	4.0*	*C.	.0	.0*	.3*	.ñ*	.0*	16.0*	22.7*	57.1*
5.24	TRACE*	•0*	•0	•0*	•0*	•0*	TRACE	7.3*	4.0*	32.2*
14.2	TRACE*	•0*	• 0	.0*	.0*	• 0 *	2.0%	3.5*	15.4*	46.2*
1.2*	5.3*	• 0 *	• 0	.0*	.0*	-				26.5*

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER:	726435	•	ION NAME:		FLD ANG3	AI.				OF REC	Ე₽Მ: 64 ₩ᲔᲧ२ :
YEAR	PAL	FEB	MAR	APR	MAY	ווטע	JUL	AUG	SEP	707	พลง

*********								• • • • • • •				
LEAST	5.0	. 7	• 7	TRACE	•0	• 0	• 0	• 0	• 0	• 0	• 1	
GREATEST	29.0	28.2	15.2	8.6	TRACE	• 0	• 0	• 0	TRACE	2.0	16.0	
MEAN	10.7	5.0	7.6	1.4	TRACE	• 0	• 0	• C	• 0	TRACE	2.7	
MEDI4:1	9.9	4.6	3.2	1.1	TRACE	.0	• 0	• 0	• 0	TRACE	3.3	
\$0	4.300		4.600			.000	.000	.000	.000	.100	2.039	
TOTAL UBS	679	569	617	596	629	· · · -		708	603	610	544	
• • • • • • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •		

THE GREATEST VALUE OF 30.8 DCCURRED ON 12763

MOTE: ATHE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

· : VOLK F	LO ANGS	иI			PERIOD OF RECOPD: 6406+8808							
+05					HINOM:	ALL H	DURS: ALL	-				
								DEC	ANNUAL			
			• • • • • • •	• • • • • • •			• • • • • • • •					

FRACE	•0	• 0	•0	.0	• 0	•0	. 1	3.C	31.2
a • 6	TRACE	• 0	• 0	• 0	TRACE	6.5	16.0	39. F	67.1
1.4	TRACE	• 0	.0	• 0	•0	TRACE	2.7	11.9	37.3
1.1	TRACE	•0	•0	.0	• 0	TRACE	3, 3	9.9	37.2
1.502	.000	.000	.000	.000	.000	.100	2.039	8.843	5.020
596	629	701	697	708	603	610	544	563	7451
30.8	CCUR	RED ON	12763	•••••	• • • • • • •			-	

ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

EXTREME DAILY SMOWFALL AMOUNTS IN INCHES FROM SWAMMUS DE DAY DATA

STATION NUMBE	?: 72643	LS	N MEITAT TU GT TO	C: +06	C FLO ANGE	a I				JÓ JÉ RECO H ALL H
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	аст
54	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	•••••	.0		•••••	.0	TRACE
65	3.0	7.6	5.3	2.5	• 0	. 5	ŏ	.0	.0	TRACE
66	3.0	4.0	• 6	. 4	• 0	•0	• 0	• 0	.0	TRACE
67	3.6	2.9	5.7	1.4	TRACE	• 0	• 0	•0	• 0	TRACE
5 ત	1.6	• 9	• 6	• B	• C	• 0	. 0	.0	• 0	TRACL
59	2 • 2	. 4	6.7	TRACE	TRACE	• 0	• 0	• 0	• 0	TRACE
70	1.7	2.1	6.3	• 2	TRACE	• 0	• 3	· 0	.0	• (,
71	7.2	4.3	3.8	3.3	• 0	• 0	• 0	• 0	.0*	.0*
72	3.4*	2.5*	3.0*	.3*	· ?*	• 0	• 0	•0	• 3	
73	1.7*	1.8*	1.3*	7.0*	•0*	• 9	• 5	•0	• 0	TRACER
74	1.7*	4.44	2.0*	1.2*	TRACE®	. 3.	.0	. 5	.0*	TRACE
75	3.3*	5.1*	5.2*	• 5	• 0*	• 0	.)	•0*	.0*	.0*
75	5.54	4.5*	1.1*	TRACE*	.0*	• 0*	٠.٥	٠.٥	. 1*	TPACES
77	2.0*	4.0*	6.2*	. 3*	•0*	.0*	• 5	.0*	.0*	. () xs
7.3	5.0*	1.4*	2.0*	TRACE*	.0*	·è	• j*	• 0	• Úw	• (4 m) • (3 m)
79	6.0*	1.0*	2.0*	.1*	.0*	• 5	•)*	.0*	. () &	TRACE #
EO	6.0*	2.28	4.0*	3.0*	.0*	• 0	. 6	.5	· G*	TRACER
H1	TPACE*	4.0*	TRACES	TRACE*	.0*	• 0	• 0	.)*	• 0*	15405*
nγ	10.0*	2.0	1.0*	3.0*	.0*	• 0	•0	ņ	.)*	TRACER
B3	2.0*	3.2*	2.5*	.6*	•0*	• C*	•) *	• 0	T-ACL*	1 TAUL TO
H4	2.5*	1.1*	1.7*	1.5*	TRACE	• 0*	• 5*	•0	04	TRACE
ନ୍ୟ	2.3*	3.7*	7.08	4.0*	• ?∗	. 3	. j.×	.0*	.0*	•0A
16	2.1	3.2	4.0%	TKACE*	.)*	• 0	•) *	. ೧≉	.) *	TRACER
87	4.9*	1.3	5.4	T-ACE*	• 0 *	• 0	•0*	.0*	•)*	1.0*
a g	6.7	• 5	1.2*	5.44	.0*	.0	.0*	.0*	• 0 **	1 • 7 **

EYTREME DAILY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

			DRD: 640 HBURS: A					A I	FLO ANGB	ME: VOLK : +06	
	ANNUAL	DEC	VOV	OCT	SEP	AUG	וטר	JUN	MAY	APR	+ ()
	4.J*	4.0	1.4	TRACE	.0	.0		.0	• • • • • • • • •	• • • • • • •	,
	7.5	2.0	• 1	TRACE	.0	• 0	.0	· 0	• 0	2.5	3
	3.0	8.0	3.0	TRACE	.0	.0	•0	• 0	• 0	. 4	
	6.7	2.3	1.2	TRACE	• 0	• 0	• 0	• ù	TRACE	1.4	7
	6.7	5.7	1.5	TRACE	• 0	• 0	• 0	• 0	• 0	, B	,
	ಕ.ರ	8.0	• 2	TRACE	• Ü	• 0	• 0	• 0	TRACE	TRACE	7
Anna merena	6.4	6.4	1.7	• 0	• 0	• 0	• 0	.0	TRACE	• 2	,
	7.2*	6.0	4.0*	*0.	•0*	•0	•0	•0	• 0	3. ອ	
	5.8×	5.8*	.5*	• 3	• 0	• 0	• 0	• 0	• ?*	. 3 🌣	šŧ
	7.0*	2.5*	1.4*	TRACE	.0	• 0	• 0	• 0	.0*	7.0*	3.00
	4.7*	4.7*	TRACES	TRACE*	•0*	. 0	• 0	.)*	TRACER	1.2*	
	6.1*	2.5*	1.5*	• 0 *	•0*	• 0*	•)	• 0	• 0*	• 5	
	5.5*	4.9*	TRACE*	TRACE*	•0•	٠.	•0	• 0*	• 0 *	TRACE*	: Ac
	10.0*	1.0*	10.0*	• 0 *	• 0 *	• O •	• 0	• () *	• 0*	. 3*	150
	5.0*	3.0*	5.0*	· 1) · k	.0*	. 2	•)*	• C	.0*	TRACE®	Spire .
	5.0*	TRACE®	1.2*	TRACES	. O.A	• O*	•)*	• 0	• 0*	.1*) i'e
	6.0*	4.0*	1.0*	TRACE	.0*	.0	• 0	• 0	• () *	3.0*) ic
	5.0*	5.0%	1.4*	TRACE*	• () *	.)*	• 0	• 0	•)*	THACE*	, ik
	10.0*	2.0*	TRACE*	TRACE*	.)*	• 0	• 0	• 0	• () *	3.9*	**
	8.2*	4.0*	3.5*	• n *	TRACE*	• 0	•)*	• C*	• 0 *	.6*	٠, ، د
	3.7*	3.5*	3.7*	TRACE	.04	.0	.J*	• 9#	TRACE	1.5*	7 20
	13.18	13.1*	5.3*	*C.	•0*	• 0 *	.0*	•)	• 0 *	4.0*	* #
	5.2*	1.7*	5.2*	TRACE*	•)*	•0*	• 0 •	• 0	.0*	T≺4CE*	3.98
	5.0*	6.9×	3.3*	1.0*	• 0*	.0*	• 0 *	• 0	• O *	f < 4CE*	¢:
	5.7×					.0*	. O*	• 0	• 0 *	5.4×	.) ie

CPERATING LOCATION 'A' USAFFTAC, ASHEVILLE NO

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER:	725435	TIDN NAME TO UTC:	 FLU ANGS	41			PERION MONTH:
YEAP			MAY		JUL	AUG	SEP

GPEATEST 10.0 8.2 7.0 7.0 TRACE .0 .0 .0 TRACE TITAL USS 609 569 617 596 629 701 597 708 609

THE GREATEST VALUE OF

NOTE: ATHE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAIL

13.1 OCCURRED ON 12/03/85

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

. NAME	+05 +05	FLO ANGE	ЯI		 OF RECUI	 	
	APR		אמר			DFC	ANNUAL
				 • • • • • • •	 • • • • • • •	 	

7.0 TRACE .0 .0 .0 TRACE 1.0 10.0 13.1 13.1
7 596 629 701 697 708 609 610 544 563 7451

13.1 OCCURRED ON 12/03/85

PASSO ON A MONTH WITH LESS THAY 90% OF THE DATA AVAILABLE FOR THE MONTH

8 - 3 - 38

USAFETAC, ASHEVILLE NC
STATION NUMBER: 726436

PERCENTAGE FREQUENCY OF DOCURRENCE OF SNOW DEPTH IN INCE-FROM SUMMARY OF DAY DATA

STATION NUMBER:	726436	EST TO	UTC: +0	6	ANGB WI	I			PERTOD OF / MONTH: ALL
AMOUNTS (INCHES)	JAN	FEB	MAR	ΔPR	MAY	JUN	JUL	AUG	SEP
NONE	7.4	12.7	34.9			100.0			100.0
MINAL	7.4.4	***	24.7	77.5	190.0	10310	133.0	1000	10010
TRACE	4 • 4	6.1	15.5	10.0					
1	6 • 2	4.5	10.5	2.3					
2	10.5	3.a	5.6	1.3					
3	9.2	5.6	4.7	• 9					
4-6	20.5	19.4	11.6	. 7					
7-12	22.3	30.2	12.2						
13-24	17.7	13.8	5.0						
25-36	1 • 3	3.5							
37-43									
49-60									
61-120									
OVER 120									
••••••••••••	• • • • • • • •	• • • • • • • •	• • • • • • • •	•••••	•••••	• • • • • • •	• • • • • • • •	•••••	• • • • • • • • • • • •
DAYS WITH MEAS AMTS	83.2	30 . 4	49.0	5.7					
TOTAL NO. OF OBSERVATIONS	510	572	621	593	030	702	697	7 09	50B

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES-FROM SUMMARY OF DAY DATA

TO	UTC: +0		D ÄNGB W.		-	1	PERTOD OF MONTH: AL	L HOUR	S: ALL	108		
•	MAR	ΔPR	MAY	Jun	JUL	AUG	SEP	аст		DEC	ANN	
 !	34.9	84.3					100.0			29.9	72.2	
į.	15.5	10.0						•8	12.5	9.4	4.6	
	10.5	2.3						• 2	2.7	10.5	2.9	
	5.6	1.3							. Z.O	7.5	72.5	
	4.7	• 9							• 9	9.5	2.3	
	11.6	. 7							1.5	17.2	5.5	
-	12.2								1.1	10.6	c • 0	
	5.0									6.2	3.4	
											.4	
• • •	••••••	•••••	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	••••••	• • • • • • •	
•	49.0	5.7						• 2	5.0	50.7	23.2	
,	621	598	630	702	697	7 08	608	610	546	545	7467	

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NO

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER:	726435		TATEÜN NA ST TO UTC		FLO ANGB	N I			PERIO MONTH	OF REC	1090;
YEAR	JAN	FEB	MAR	APR	MAY	אטנ	JUL	AUG	SEP	аст	•••
64	• • • • • • •	• • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	0	· · · · · · · · · · · · · · · · · · ·	0	0	0	• • • •
65	3	7	8	3	0	Ö	á	ŏ	Ö	0	
66	6	4	1	0	0	0	0	n	0	0	
57	21	12	11	0	С	Ċ	0	Э	0	0	
54	4	1	c	0	0	0	0	0	О	0	T 21
63	24	12	3	6	O	O	Э	0	Ö	O	T = 1
70	12	н	b	TRACE	О	0	o	0	O	0	
71	15	20	15	1	J	0	0	0	0*	0.*	
72	A 🌞	7*	34	2*	0.	0	9	0	3	0	131
73	in the	4 *	1 *	5*	0*	S	O	0	c	0×	
74	ig sig	10*	2*	1 *	0 *	0*	ó	Ó	0*	Üŵ	Ts.
7%	9*	12*	15*	TRACE	O 🍁	0	0	0*	0*	Ú*	
76	10*	10*	2*	0*	0*	e	0	2	0*	TKACE*	Terr
77	7 *	7 *	5 *	2*	O**	0*	2	0.*	3*	0.8	
7.3	15*	14*	10*	TRACE*	0*	e)*	0	0*	O*	
7-)	32*	32*	20*	0*) *	9	0.*	0*	0*	0.8	
50	68	5*	*C1	3*	0*	0	0	0	0*	Ü₩	
त1	1 *	4*	TRACE*	0*	0*	0	0	0*	9*	9*	
82	25*	23	6*	3*	0.*	0	Ó	0	O.*	0.*	TRE
3 3	3*	27*	3*	TRACE*	0*	0*	2*	o	Ú*	0*	
84	12*	3.*	24	0*	Ö	بعن	Ö*	ō	0*	õ	
25	19 th	14*	7*	1 *	Ö*	Ó)*	0.*	0*	ń*	
36	16	16	16*	TRACE*)*	0) *	0*	0*	TRACE*	
37	9*	8	4	1 *	9*	0	0*	0*)*C	1 *	
33	15	8	1 *	2*	0*	Ď	0*	J*			

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

	PERIOD OF RECORD: 6406-9305 MONTH: ALL HOURS: ALL						VCLK FLO ANGB WI 05							
	ANNUAL	DEC	NOV	367	SéP	AUG	JUL	NUL	MAY	ΔPR				
	• • • • • • • • • • • • • • • • • • •	4	1	0	Ö	0	· · · · · · ·	ე						
	3	2	o	0	Ű	O	c	О	0	3				
	13	13	1	0	0	0	0	o	0	0				
	21	3	1	0	0	0	0	Ç	c	Э				
	19	19	TRACE	0	0	0	0	0	0	c				
	24	11	TRACE	O	ΰ	0	Э	O	C	5				
	12	9	1	0	O	0	'n	0	С	TACE				
	20*	6	8*	0*	0*	0	0	0	Ù	1				
	12*	12*	TRACE*	o	0	0	n	0	0*	2*				
	5*	3∗	1*	0*	C	O	0	0	0 *	5*				
	10*	5*	TRACE*	G.*	0*	0	0	0*	0 *	1 *				
	15*	3*	2*	0*	0.*	()*	0	0	0*	ACE				
	10*	4*	TRACE*	TKACE*	0*	9	0	e	9*	0*				
	12*	12*	6*	0*)*	0.*	၁	9*	2.0	2*				
	15*	5*	6*	0*	0*	0	-)∗	0	0*	- ∴CE*				
	32*	TRACE*	-	0*	0*	ე*	ე∗•	9) *).♦				
N. 2 -	10%	5.4	1*	0*	0*	0	9	0	0*	3*				
	F*	5*	2*	0*	0*	0*	э	0	0*	0*				
	25*	2*	TRACE*	0.*	0.*	0	С	C	0*	3∗				
	27*	13*	2*	0*	Û*	o)*	0*	0*	ACE*				
	12*	5*	4 *	Ó	0*	Ö	ე*	بغرن	O	0*				
	17*	Los	3*	() *	0*	0.*	ე∗	0	0*	1 *				
	16*	5*	7*	TRACE*	0*	0*)*	0	0*	. N CE≉				
	11*	11*	3*	1 *	O*	0*	0*	0)*	1 *				
	15*	- -	_)*	0*	2	0*	2*				

B - 4 - 2A

)

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OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER:	726436		ION NAME		ELD ANGB	ЯI			PERIOD MONTH:	DE RECOED: ALL HOUR
YEAD	PAL	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT

0 GREATEST 20 0 0 32 32 6 TOTAL OBS 610 572 621 598 630 702 597 708 608 610 59

THE GREATEST VALUE OF 32 OCCUPRED ON 01/24/79

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR T

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

AMF: VOLK FLD ANGB AI PERIOD OF RECORD: 6406-8308
TO: +06 MONTH: ALL HOURS: ALL

APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL

6 0 0 0 0 0 1 8 19 32 593 530 702 597 708 608 610 546 565 7467

32 DCCURRED ON 01/24/79

4350 ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

P - 4 - 28

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR FROM SUMMARY OF DAY DATA

IN EDNA CLIP TOWN CITATE STATION NAME: VOLK FLD ANGS HI

PERIOD OF RECORD: 64 SNOW-YEAR: 1 AUG -

										240M-15	. М.	I AUG -
SNGW=		FII SNOW	FALL	FIRS MEASUR SNOWE	RABLE		RABLE DEPTH	LASI SNOWE		LAST MEASURA SNOWE	BLE	LA MEASU SNUM
• • • • • •	• • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •									
54 -	59	י סכי	06	VON	20	VOV	21	APR	17	APR	17	ДП
o5 -	66	901	23	AüA	13	DEC	20	APR	21	APR	21	МΔ
66 -	6	, 001	T 31	νси	11	VEN	20	~AY	02	Yob	22	МА
67 -	6	3 001	25	۸ū۸	04	VCN	30	V65	24	APR		Ft
გყ -	69	001	03	VOV	06	0 E C	14	MAY	21	MAR	28	Δc
59 -	70	001	12	NO V	13	DEC	07	MAY		APR		M.1
70 -	7 1	NON	01	NOA	02	AC.N	27	APR	28	APR	27	Δ÷
71 -	17	NOV	/ 03	VOV	23	VOV	24	ΔP₽	21	APR	-	Δ÷
72 -	73	901	15	TOC	15	DEC	02	Apg	15	Apo	16	ል ፣
73 -	74	001	29	٧J v	15	VGM	10	MAY	93	APA	24	4 ²
74 -	75	30.1	13	DEC	07	DEC	02	APR	10	APR	10	M.j
75 -	74	NON	1 12	ท⊡ ∧	21	ADA	21	APR	25	448	95	ų.
76 -	77		16	OEC	97	0 ∈ C	37	APR	05	App	05	٨٠
77 -	75	ICV I	/ 10	VCP	10	VOV	29	Yok	20	446	14	w.j
73 -	79	VER (1 17	713V	23	VŪV	23	APR	2.2	Vot	28	M Z
79 -	e (301	13	¥CV	69	NJV	09	APR	10	APR	09	4.5
es -	31		25	ип л	29	NOA	29	APP	04	FER	24	FE
91 -	52		23	ער גי	19	V OV	20	APR	20	Yos	20	<u></u>
32 -	33	001	20	ರಿಕ€	16	9EC	16	APR	16	Αnc	14	***
83 -	54	SEF	22	√ 3√	24	VGB	27	MAY	0.5	ADÉ	24	
a4 -	95	-001	31	NOV	10	MUA	10	APR	09	ADR	92	٨٦
55 -	3.5	YO!	1 12	404	12	NOV	12	APR	15	MAR	19	.1 ۵

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR FROM SUMMARY OF DAY DATA

AME: VOLK FLD ANGS WI

PERIOD OF RECORD: 6406-8808 SNOW-YEAR: 1 AUG - 31 JUL

10			ABLE All		ALL	LASI SNOWF	DEPTH	MEASUR SNOW (الموراة
10	•••••									
17		-								-
OV 05		MAR 28	22	ADR	02	444	20	VDA	11	.,٧
20 13		FE6 26	24	APR	24	APR	30	VCA)4	, 1¥
7V 02 NOV 27 APR 28 APR 27 APR 03 1V 23 NOV 24 APR 21 APR 07 APR 05 1T 15 DEC 02 APR 16 APP 16 APR 14 V 10 NUV 10 MAY 03 APR 04 APR 04 C 07 DEC 02 APR 10 APR 10 MAR 28 V 21 NOV 21 APR 25 MAR 05 MAP 13 C 07 DEC 07 APR 05 APR 05 APR 05 APR 05 V 10 NOV 29 APR 20 MAR 14 MAR 25 NV 10 NOV 29 APR 28 APR 28 APR 28 MAR 29 NV 09 NOV 09 APR 10 APR 09 APR 10 LV 29 NOV 29 APR 10 APR 09 APR 10 LV 29 NOV 29 APR 04 FER 24 FEB 24		APR C2	28	MAR	21	MAY	14	DE C	35	.) v
NOV 23		MAR 22	13	APQ	01	MAY	07	DEC	1.3	₽ V
17 15 OEC 02 APR 16 APP 16 APR 14 V 15 NOV 16 MAY 08 APR 04 APR 04 C 07 OEC 02 APR 10 APR 10 MAR 28 V 21 NOV 21 APR 25 MAR 05 MAR 13 C 07 OEC 07 APR 05 APR 05 APR 06 V 10 NOV 29 APR 20 MAR 14 MAR 25 V 10 NOV 29 APR 28 APR 28 APR 28 MAR 29 C 09 NOV 09 APR 10 APR 09 APR 10 V 29 NOV 29 APR 10 APR 09 APR 10 V 29 NOV 29 APR 04 FEB 24 FEB 24		APR 03	27	APR	28	APR	27	4:34	02	٦٧
V 15		4Pk 05	07	APS	21	APR	24	VOV	23	. 'V
C 07 DEC 02 APR 10 APR 10 MAG 26 V 21 NOV 21 APR 25 MAR 05 MAR 13 C 07 DEC 07 APR 05 APR 05 APR 06 APR 06 APR 06 APR 20 MAG 14 MAG 25 APR 26 APR 28 APR 28 MAG 29 APR 29 APR 20 APR 29		APR 14	16	APS	15	APR	62	DEC	15	`,⊺
V 31 NOV 21 APR 25 MAR 05 MAR 13 C 07 DEC 07 APR 05 APR 05 APR 06 C 07 NOV 29 APR 20 MAR 14 MAR 25 C 07 NOV 29 APR 20 MAR 14 MAR 25 C 09 NOV 23 APR 28 APR 28 MAR 29 C 09 NOV 09 APR 10 APR 09 APR 10 C 09 NOV 29 APR 04 FER 24 FER 24		APR 04	24	APA	03	MAY	10	N⊕V.	15	- ∨
C 07 DEC 07 APR 05 APP 05 APR 06 VV 10 NOV 29 APR 20 MAR 14 MAR 25 MD 26 NOV 23 APR 28 APR 28 MAR 29 MD 29 NOV 09 APR 10 APR 09 APR 10 V 29 NOV 29 APR 04 FEB 24		MAR 28	10	APR	10	APR	02	DE C	↑ 7	C
CV 10 NOV 29 APR 20 MAR 14 MAR 25 FIN 26 NOV 23 APR 28 APR 28 MAR 28 CV 69 NOV 09 APR 10 APR 09 APR 10 CV 29 NOV 29 APR 04 FER 24 FER 24		MAP 13	05	AVS	25	APR	21	ALA	21	. ^
FIX 26 NOV 23 APR 28 APR 28 MAR 29 CV 69 NOV 09 APR 10 APR 09 APR 10 CV 79 NOV 29 APR 04 FER 24 FER 24		APK 06	05	V > 5	05	APR	37	DeC	97	C
TV 69 NOV 09 APR 10 APR 09 APR 10 V 29 NOV 29 APR 04 FEB 24 FEB 24		MAR 25	14	440	20	VoK	29	VOV	10	٧ .
TV 29 NOV 29 APR 04 FER 24 FER 24		MAR 29	28	An£	28	APR	23	VGM	23	- iV
		APR 10	09	APR	10	APR	09	V7V	69	.^^√
אין 19 NAV 20 APR 20 ביין אסט		FEB 24	24	FER	94	Vbd	29	VCM	29	V
100 60 70 60		APP 20	20	<u> 402</u>			20	VOV	19	, 1 <i>y</i>
C 15 DEC 16 APR 16 APR 14 MAR 22		MAR 22	14	Δnc	16	APR	16	DEC		
-3 4		MAR 22	24	425	09	MAY	27	VCM	29	. 31
7 V 10 NOV 10 APR 09 APR 02 APR 05		APR 05	92	APR	09	APR	10	MÜA	10	٧
- V 12 NOV 12 APR 15 MAR 19 MAR 23		MAR 23	19	MAR	15	APR	12	MJA	13	1

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR FROM SUMMARY OF DAY DATA

STATION NUMBER:	726436 STA	TIÙN NAME: VOLK	FLD ANGB WI		PERITO OF RE SNOW-YEAR:	COPD: 64 1 AUG -
SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE Snowfall	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	E B MEASE WEASE
96 - 97 97 - 88	ЭСТ 14 ЭСТ 20	NOV 18 OCT 22	NOV 18 OCT 22	APR 02 APR 27	MAR 31 APR 27	Д С Д =
MEDIAN-DATE	OCT 23	N'JV 14	NOV 27	APR 20	APP 11	м.

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR FROM SUMMARY OF DAY BATA

T: VOLK	FLD ANGH WI			COPM: "6406-8308 1 AUG - 31 JUL	
ST FAUL FALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWEALL	LAST MEASUFABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH	
1# 22	NOV 18 OCT 22	APR 02 APR 27	MAR 31 APR 27	APR 02 APR 27	
14	N:DV 27	APR 20	ADP 11	MAR 30	

appapapapa qqqqqqqq		AAAA AA AAAAAA		<u> </u>		111111111	000000 00000000 00
30	်ခုခ	4.4	44	88	ØΚ	ŢŢ	CC
oc.	PP	AΑ	ДΛ	45	RK	ΤŢ	CC
sadee	• •	AA	AA	ちゃんれる	रस्ट्रबर	11	60
pepap		AAAAA	AAAAA	८६९ २३		ŢŢ	CC CC
DO.		ΔΔΑΔΔ	AAAAA	5 5	ય ર	<u> </u>	22 22
69		44	ДА	२६	६२	T T	, σε
၁၃		AA	ДЛ	83	3.5	<u>. i</u>	000000
ρp		AA	AA	23	22	# ?	(

PART C

SURFACE WIND SUMMARIES

PEAK HINDS.
THESE TABLES ARE CREATED FROM SUMMAPY OF DAY DATA. SPEEDS ARE IN KNOTS.
DIRECTIONS AKE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD
THROUGH JUNE 1968, BUT IN JULY 1968. ALL STATIONS EXCEPT THOSE OF THE NATIONAL
HEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA
IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PEKIOD OF RECORD
AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE
GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE
PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES
A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF PEAK SPEEDS ARE AVAILABLE.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL

YEARS COMBINED. FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP

INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY

AS "CALM." THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE

MEANS, MEDIANS, AND TOTAL DOSERVATION COUNTS. THE VALUES IN THIS SUMMARY

ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE
THE DATA AS FOLLOWS:

- BY EIGHT 3-HUR STANDARD TIME PERTUUS FUR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL BUUPS COMBINED).

THESE TAPLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT DOCURRENCE FREQUENCY (PDF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN BO DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL DRSFERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CHILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS)
THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET.
IF THIS COMDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED:
WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET. THE VISIBILITY MUST
BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

UPERATING LOCATION 'A' USAFFITAC, ASHEVILLE NO

PEAK SURFACE WINDS IN KNUTS FRUM SUMMARY OF DAY DATA

STATION A	WM?⊊⊀: 726		A PETTATE TU OT TR.		K FLD AN	IK PD				OD OF RE	HOU CURD
At Yt	رد <u>بار</u>	FEB	MΔR	APR	MAY	JUN	JUL	AUG	SEP	oct	, • • • •
67	• • • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••••	•••••	S *30	WNA 34	· · · · ·
5 ·	. 27	a 35	\$ 31	Sw 36	SSW 42	WWW 36	25/ 35	29/ 40	17/*37	19/ 42	2~1
e, ()	19/ 29	281 33	32/ 29	33/ 41	26/ 30	25/ 42	33/ 35	26/ 31	19/ 31	20/ 37	31/
7 '	31/ 24	29/ 30	15/*19	257 32	30/*2)	*	*	*	*	*	
71	33/ 45	27/ 50	27/ 33	27/ 32	*	*	*	*	ř.	ķ	
7.2	*	*	έ¢	**	*	÷	*	*	rļs.	*	
72	ık	rie	še	*	ę.	*	÷.	s)e	**	*c	
74	**	*	**	31/*23	24/*36	33/*34	13/*33	22/*17	24/*29	18/*32	14/
76	147*32	53/832	117840	22/*39	23/*37	24/*31	*	30/*65	*	ńε	
74	nje	1 1/*19	23/*35	01/#26	21/*27	25/*43	28/*35	27/*31	23/*41	22/*35	3^/
7.7	3.9/8.45	27/437	24/*43	31/*33	307*35	27/*42	24/843	25/*31	237*38	27/*31	32/
7	5°7*35	5 1/450	30/*23	27/447	24/*35	20/*35	36/* 14	19/*30	157*23	23/*23	27/
10	33/#25	24/*27	31/834	0HZ*51	23/*32	23/ 37	03/*27	24/*29	17/*23	31/*30	27/
. 1	23/843	7.1870	39/42"	35/*32	3?/*34	34/*52	22/*40	24/*42	17/*30	21/*49	307
• •	20142	31/**	25/834	30/830	21/*27	12/ 53	:37 32	32/424	27/*35	32/*32	241
•	74/1015	2/2/	25/24)	30/*46	25/425	27/ 25	33/ 55	13/ 42	15/*29	30/*30	2-1
- 1	14/625	33/823	15/*25	15/*32	33/43 5	25/*35	30/850	17/ 35	23/*34	30/*24	25/
- 4	1 / * ? 7	35/#27	30/*32	23/840	29/ 33	27/*45	24/*42	25/ 23	19/429	23/ 36	31/
	3-1813	23/42 -	33/43V	227*30	22/*33	25/ 35	27/*28	24/*3H	24/*34	29/*37	25/
** 5,	+ 3/ 37	(37-12	21/*35	27/#32	30/*33	327 40	27/*43	17/*23	>7/#26	31/*29	24/
٠ 7	71/#25	23/ 5.	ግ)/ ጓ)	32/#37	207#36	34/ 33	17/*24	23/*30	33/*22	30/*35	201
3 ¹ 1	13/ 3%	337 32	23/*34	35/833	14/*36	13/ 37	22/*28	117*30			

PEAK SURFACE WINDS IN KNOTS FRJM SUMMARY OF DAY DATA

n: VOL +05	K FLD AN	Ik fo			PERI MONT		CORD: 67		
५०२	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	• • • • • • • •		••••••	•••••	S *30	WN# 34	A 46	WNW 25	W *46
a 36	SSH 42	WWW 36	25/ 35	29/ 40	17/*37	19/ 42	28/ 28	18/ 42	SSW*42
17 41	26/ 30	25/ 42	33/ 35	26/ 31	19/ 31	20/ 37	31/*29	32/ 27	25/*42
27/32	30/*29	*	*	**	*	*	*	20/*31	25/*32
7.7 32	*	÷	*	*	*	*	٠	*	27/*50
Ą.	*	*	A.	*	*	*	*	×c.	×ίτ
4	÷.	*	*	ήr	*	*	*	*	*
7/423	24/*36	33/*34	19/*33	22/*17	24/*28	18/*32	14/*30	14/*20	24/*36
27/43)	23/*39	24/*31	*	30/*65	*	*	*	*c	30/*65
17825	21/*27	25/#43	28/*36	27/*31	23/*41	22/*36	30/*41	29/*30	26/*43
1/433	30/435	27/*42	24/443	25/*31	23/*38	27/*31	32/*31	30/*34	24/*45
1/447	24/435	20/*35	30/*34	19/*30	15/*28	23/*23	27/*31	29/*3 3	27/*47
7851	23/*34	23/ 37	08/*27	24/*29	17/*23	31/*30	27/*25	27/*27	03/451
/#32	3?/*34	34/*62	22/*40	24/*42	17/*30	21/*40	30/*30	31/*36	34/*62
01440	21/*27	12/ 53	03/ 32	32/*24	27/*35	32/*39	08/*29	33/425	12/*63
1:45	257*25	27/ 25	33/ 35	18/ 42	18/*29	30/*30	28/*36	13/*33	39/*45
1.7*32	J3/*35	23/*36	30/*50	17/ 35	23/*34	30/424	25/*23	24/*23	36/*50
12/840	28/ 33	27/*45	24/*42	25/ 29	19/*29	23/ 36	30/*30	31/*34	27/*45
2/×30	22/*33	26/ 36	27/*28	29/*3H	24/*34	29/*37	25/*31	27/*23	19/#35
1/432	30/*32	32/ 40	27/#43	17/*23	27/*26	31/*29	24/*42	23/*31	27/#43
2/237	20/*36	34/ 10	17/834	23/*30	33/*22	30/*35	29/*23	17/*32	29/*54
1833	14/*36	13/ 39	22/*28	11/*30					15/*39

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

PEAK SURFACE WINDS IN KNOTS FRUM SUMMARY OF DAY DATA

STATION NUMBER:	726436	STATION NAME LST TO UTC:		LD ANGR	4I			PERIOD MONTH:	OF RECORD	_
YEAR	JAN FE		APR	MAY	PUL	JUL	AUG	SEP	ост	· N
	••••••	• • • • • • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• •

GPEATEST 33/48 29/58 26/49 08/61 SSW 42 12/63 30/50 30/65 23/41 19/42 W 4
TOTAL DRS 408 372 41) 418 426 433 309 386 360 365 3

THE PEAK WIND UP 65 FROM 30/ OCCURRED ON 09/21/75

NOTE: ATHE VALUE IS PASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MINISTER FOR IS 100 OF THE MONTH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH.

PEAK SURFACE WINDS IN KNOTS FROM SUMMARY OF DAY DATA

+O6	A I					Ე२Ე: 6709 HDURS: AL		·
APR MAY	PUL	JUL	AUG	260	OCT.	₽.CA)EC	Atin

. --/ 51 SSW 42 12/ 63 30/ 50 30/ 65 23/ 41 19/ 42 W 45 19/ 42 30/ 65

. 418 425 433 377 386 360 365 318 344 4666

--- 11 30/ GCCURRED ON 09/21/75

TO DIM A MORTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH OF DRIVATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

c - 2 - 18

UPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS FROM SUMMARY OF DAY DATA

STATION NU	MBER: 7264	-	FATION NO ST TO UT	_	(FLD AND	IN 85				DO DE RECDAD: H: ALL HOUR
• • • • • • • • • •	• • • • • • • • • • • •		• • • • • • •	• • • • • • • •	wI.	ND SPEEDS	IN KNO	JTS	• • • • • • •	• • • • • • • • • • • • •
MONTH	CALM=4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-54 GF
JAN	. 7	6.4	28.2	24.5	24.3	11.3	2.7	1.2	.7	.0
F E8	•5	5.9	29.8	29.6	13.6	9.7	2.0	1.0	• 3	•5
MAR	.0	6+2	19.3	31.0	23.2	12.9	5.0	• 5	1.0	• 9
700	•0	1.7	13.4	27.5	31.1	14.1	9.5	1.2	1.0	• ⁶ 5
MAY	•0	1.6	22.3	30.8	23.5	14.3	4.9	2.3	• 2	••
JUN	• C	4.8	23.5	25,2	23.8	11.3	4.2	2.1	1.6	•5
JUL	•0	8.0	31.3	30.1	19.3	5.3	2.3	1.8	1.3	• 3
AUG	• C	8.0	32.4	27.2	21.9	5.7	2.6	1.3	• ∂	• 0
5EP	د .	4.4	28.3	32.8	23.5	6.7	2.5	1.1	• 3	• 3
nct	.0	5.5	20.5	27.9	24.9	12.3	5.0	1.5	•5	• 0
#TV	1.3	5.3	24.2	33.3	21.1	9.7	3.5	• 5	• 9	• 2
bed	• 6	11.3	25.9	20.9	24.7	9.5	4.7	1.7	• 6	• 0
AMNUAL	. 3	5.9	24.	28.5	23.4	10.3	4 . 4	1.4	. a	•1

ROUNTAGE FREQUENCY OF DECURRENCE OF DAILY PEAK WINDS FROM SUMMARY OF DAY DATA

™E: VŪL! ; +06	K FLD AN	IN BD				DD DE RE	9-8808 ILL			
15-19	WI' 20-24	ND SPEED: 25-29	5 IN KN0 30-34	35-39	40-49	50-54	GF 65	MFAN CNIK	MEDIAN WIND	TOTAL OBS
24.5	24.3	11.3	2.7	1.2	.7	.0	.0	17.9	17.5	408
29.6	19.6	9.7	2.0	1.0	• 3	• 5	•0	17.7	15.0	392
31.0	23.2	12.9	5.0	• 5	1.0	• 0	• 0	19.0	18.0	419
27.5	31.1	14.1	9.5	1.2	1.0	•5	• 0	21.3	21.0	418
30.8	23.5	14.3	4.9	2.3	• 2	• •	• 0	19.5	13.5	426
25.2	23.4	11.3	4.2	2.1	1.6	• 5	• 0	19.3	18.0	433
- 50.1	19.3	5.3	2.3	1.3	1.3	• 3	• 0	17.3	16.0	394
77.2	21.ª	5.7	2.6	1.3	. 6	٠٥	• 3	17.0	15.0	366
32.6	23.5	6.7	2.5	1.1	• 3	•0	• 0	17.5	17.0	360
27.9	24.7	12.3	5.0	1.5	• 5	• 0	• 0	19.3	19.0	365
33.3	21.1	9.7	3.5	• 5	• 9	• 0	• 9	17.3	17.0	319
27.9	24.7	9.5	4.7	1.7	•6	• 0	• 0	17.7	17.0	344
28.5	23.4	10.3	4.4	1.4	• ā	•1	• 0	14.4	13.0	4568

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WINT FROM HOURLY DBSERVATIONS

STATION NUMBE		LS	T TO UT	C: + 6					MONTH	PAL :	HOUR	AUG 73 - S: 06-08
(DEGREES)	1-4	5-9	10-14	15-19	WIND S 20-24	PEED IN 25-29	KNOTS 30=34	35-39	40-49	50-64	GE 65	TOTAL ?
(N) 350-010	1.9		•••••	• • • • • •	•••••	• • • • • •			•••••	• • • • • • •	•••••	1.9
020-040	.7											. 7
050 − 070	•5	1.0										1.4
(E) 090-100	2.4	1.2	1.0									4.5
110-130	2.2	2.5	1.0									5.7
140-160	1.0	1.0										1.4
(S) 170-190	• 5	1.7	1 • 4									3.4
200-220	2.2	1.9	• 7	• 2								5.6
230+250	1 • 7	2.2	. 5	• 2								4.5
(N) 260-280	7.9	7.4	2.4		• 5	• 2						16.4
290-310	5.€	7.7	5.5	1.2	• 2							23.1
323-340	• 5	2.0	1 • 4		• 2							4. ~
VARIABLE	• • • • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •		•••••	• • • • • •	•••••	• • • • • • •
CALM	////////	/////	//////	//////	///////	//////	//////	///////	///////	///////	//////	27.0
TOTALS	27.0	29.5	13.9	1.5	.9	. 2						100.0

TOTAL NUMBER OF DRISERVATIONS 418

C - 4 -

**TAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

1981 6: +		(FLD	ANG8	i I	•	PERIO	DO UF RE	CORD: HOUR	TUG 73 - 5: 06-08	· JUL B	3	 	
	ı	IND !	SPEED 1	IN KNOTS					ATCT				
• • • • •	• • •	• • • • •		•••••			• • • • • •	•••••		2.9	3.0	 	
									• 7	3.3	4.0		
									1.4	5.7	6.5		
									4.5	5.2	4.0		
									5.7	6.3	5.0		
									1.9	4.4	4.5		
									3.9	7.9	7.0		
•.	2								5.0	5.0	5.0		
• •	?								4.5	5.2	5.)		
		• 5	• 3						18.4	5.3	5.7		
1	à	• '>							20.1	7.9	٠.٥		
		• 2							4.5	5 .5	~ • 9		
					· · · · · · · ·	• • • • • •		••••		•••••	• • • • • • •		
(1/1/1	///	/////	'/////	7//////	////////	//////	///////	·//////	2 7. 0	/////	/////		
1.	5	• •	• 2						100.0	4.9	5.0		
TAL W	JMbE	s út	วงระกง	ATIONS	418								

OPERATING LOCATION "A"

PERCENTAGE FREQUENCY OF OCCURPENCE SURFACE WIND DIRECTION VERSUS WIND

TATION NUMBER		LS	r to et	C: + 6					HINCH	MAL :	HOUR	AUG 73 -	
DIRECTION (DEGREES)	1-4	5-9	10-14		WIND S	SPEED IN 25-29	KNITS					TOTAL	
N) 350-010	.9	•5	. 1	•••••	•••••	• • • • • • •						1.5	
020-040	1.2	• 5	• 2									1.9	
050-070	• F	• 9	• 2									1.,	
E) 080-100	1.3	1.1	• 9	• 2								4.0	
110-130	1.3	3.6	1.4									5.7	
140-150	2.0	1.5	• 1									3.5	
51 170-190	1.4	2.4	1.1	•1								4. c	
230-220	1.3	2.7	1.3	• 2		• 2						4.1	
230-250	1.5	2.4	• 3		. 1							4.	
X) 250-280	3.4	5.5	3.0	• 2	• 4	.1						12.5	
290-319	4.2	13.9	5.4	2.6	. 4	• 1						27.5	
320-340	1.2	3.3	2.7	• ?								7.5	
VARIABLE		• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• •
CALM	////////	/////	//////	///////	//////	//////	//////	//////	//////	//////	//////	/ 16.1	
TOTALS	22.0	38.4	19.5	3.5	. 9	. 4						100.9	

TAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

:		FLD	ANGS W	I		PERIO MONTH		CORD: A	AUG 73 -		8
		IND	SPEED I	N KNTTS 30-34				Gē 65	TOTAL	MASM Grik	MEDIAN WIND
• • •	••••	• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	1.6	4.6	4.0
									1.9	5.0	4.0
									1. +	5.1	5.0
• 3	2								4.0	6.3	5.0
									6.7	5.6	5.0
									3.6	4.7	4.0
	1								4.9	5.4	5.0
• .	۷		• 2						5.1	7.5	6.3
		. 1							4.5	6.5	n.)
•		. 4	.1						12.5	7.5	7.0
٠.		. 4	. 1						27.5	₽.5	a . a
	7								7.5	ê.3	н. Э
	• • • •	• • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • • •
(///	////	////	//////	///////	///////	//////	//////	///////	16.8	/////	111111
3.	t.,	• 7	. 4						100.5	5.2	7.0
il h	ეოგ <u>ნ</u> ;	8 SE		240114		• • • • • •					• • • • • • •

C - 4 - 2

OPERATING LOCATION "A" USAGETAC. ASMEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN

CTA	TION NUMBER	V 1 776636	ST	ATION N	AME : VI	IK FLO	ANGS AT			PERI	D DE RE	เดาสมะ .	AUS 73 -
,,,,	11000 100 000	(* 125455	LS	र रेड सर	C: + 6						I: JAN		S: 12-1:
	DIRECTION (DEGREES)	-	5+9	10-14	15-19	HIND 9 20-24	SPEED IN 25-23	30-34	39-39	40-49	50-64	GE 55	1014u
	350-010	1.3	1.1	.3	•••••	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • • •	2.7
	020-049	1.2	. 3	• 1									2.1
	050-070	•6	1.3	• 1									2
(£)	090-100	. 4	1.4	1.0	• 1	• 2							3.*
	110-130	1.5	3.5	1.3									6.4
	140-160	1.7	2.5	1.3									6.5
(5)	170-190	2.1	4.3	• '									≎• 9
	200-220	1.0	2.5	1.1									4.0
	230=250	1.3	3.5	1.3									6 .·
(~)	260-230	3.0	5.3	5.7	. 4	• 2	.1						17.3
	290-310	4 . 4	10.6	3.€	2.3	• 5	•1						26.5
	329 - 348	• •	3.9	2.)	• 4	. 5							4.3
•••	VARIABLE	•••••	• • • • •	•••••	•••••	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • • • • • •
	CALM	///////	/////	//////	///////	//////	///////	//////	(//////	//////	//////	////////	9.3
		19.0	41.4	25.4	3.2	1.2	. 2						100.0

0 - 4 - 3

POENTAGE PREQUENCY OF DOCUMENCE SUPPACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

. NA			נא יינט	ANGS HI			HTMDM	VAL:	FORD: NUUH	S: 12-1	4	8
	· · · · 1 = -	••• 19		SPECO IN 25-27	KNOTS				65 65			MEDIAN CKIW
 	•••	•••		• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	2.7	5.1	5.0
. 1										2.1	4.6	4.7
. :										2.0	5.7	6.9
		• 1	• 2							3.6	€.3	8.0
										6.4	7.0	7.7
										5.2	6.5	6.0
. •										0.7	5. ±	4.)
.:										4.6	6.8	7.0
										6.0	7.3	7.0
•		. 4	. 2	. 1						17.3	5.5	a, y
•	.,	• 3	• 5	• 1						26.3	9.0	4 • n
		. 4	. >							4.1	9.5	10.0
· • • •	•••		• • • • • •	•••••		• • • • • •	•••••		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
////	///	///	//////	///////	//////	//////	///////	//////	///////	9.3	/////	111111
. 4	3	. 2	1.2	• 2						100.0	7.1	7.0
†~ †	<u>.</u> ۲	1315 M	BER OF	OISERVA		1011						

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREDUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY OBSERVATIONS

USAFETAC. ASH	HEALFIE AC					FROM HOUKLY OBSERVATIONS						
STATION NUMBE	R: 725436	LS	TO UT	C: + 6					TACK	VAL :	HUUR	AUG 73 - S: 15-17
DIRECTION (DEGREES)	1-4				MIMD	SPEED IN 25-29	EKNOTS					T.3T.45 %
(N) 350-010	3	1.1	. 3	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	2.2
020+040	1.0	.8	•1									1.9
050-070	• 3	ة ٠	• "									1.4
(E) 0a0-100	1.4	2.2	• 7	•1								4.4
110-132	2.7	3.3	1.5	• 3								н.4
140-150	2.3	1.2	• :									4 . 4
(S) 170+190	2.5	4.3	•6									7 • 5
200 - 220	• 3	3.7	• 4	. 1								r . :
230-250	1.4	4.1	. 7									6.5
(m) 260+280	3.4	10.9	4.4	. 1	• 3							10.4
290-310	2.9	7.3	5.4	. 7	• 5							21.4
320-340	1.4	3.5	1.4	1.1	• 1							7.*
VARIABLE		• • • • • •	• • • • • •		• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • • •
CALM	11111111	/////	//////	///////	/////	///////	//////	///////	//////	//////	///////	9.3
TOTALS	21.3	45.5	25.2	2.4	. 7							100.0
			۲	ITAL NUT	IDEK UF	SaS£4¥4	TT 1943	723				

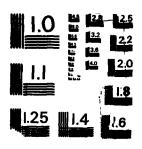
C - 4 - 4

AGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY GESERVATIONS

+ 6	IN ADMA D			HTMCM	: JAN	CORD: A HOURS	S: 15-17	,	8
WIND	SPEED IN 4 25-29	KNOTS						MEAN WIND	
• • • • • • • • •	• • • • • • • • • •		• • • • • •	• • • • • •	· · · · · · ·		2.2	5.1	6.0
							1.9	5.2	4.5
							1.4	7.3	9.0
. 1							4.4	6.6	6.0
• 3							я "4	6.6	6.0
							4.4	5.7	4.)
							7.3	5.7	5 · 1
• 1							5.1	6.5	6.0
							5.6	5.5	7.5
.1 .	3						19.5	7.5	7.0
, 7	5						21.8	ન્, વ્ર	4.0
1.1 .	1						7.6	ರ•8	4.0
• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	· · · · · ·	• • • • • • •
///////////////////////////////////////	(111111111	////////	111111	//////	//////	1111111	9.3	111111	11.111
2.4	9						100.0	5.7	7.3
t MUMBER D									

C - 4 - 4

QURFACE DESCRIPTION CLIMATIC SUMMARIES FROM FOR WOLK FIELD ANGE WISCONSINGUE ARE FORCE ENU ROMMENTA FOR WOLK FEELD ANGE APPLICATIONS CENTER SCOTT AFE IL FAI 39 USAFETAS DISSELECTION OF THE PROPERTY OF THE P 41-4210 623 2 6 NL



PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERS OPERATING LOCATION "A" FROM HOURLY SBSERVATIONS USAFETAC, ASHEVILLE NO PERIOD OF RECORD: AL STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGE WI LST TO UTC: + 6 MONTH: JAN HJURS: WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 020-040 1.1 • 6 • 1 • 9 050-070 • 2 • 6 (E) 080-100 1.5 .9 . 1 1.5 110-130 3.5 1.3 . 1 2.0 140-160 1.7 (S) 170-190 3.3 • 9 • 0 200-220 2.8 . 3 . 1 • 0 1.5 230-250 • 0 3.1 1.1 . 2 (W) 260-280 7.4 . 1 3.9 • 3 290-310 1.9 11.0 7.4 . 1 4.1 320-340 2.3 1.0 3.0 VARIABLE CALM TOTALS 39.6 20.3 1.0 2.8 • 3 TOTAL NUMBER OF OBSERVATIONS 3168

NTAGE		OF OCCUR ROM HOURLY			DIRECTI	ON VERSU	S WIN	D SPEF	D		
45: V 0	LK FLD A	NGB WI		PERIOD MONTH:		RD: AUG		JUL 8	8		
••••• 15 - 19		ED IN KNO 25-29 30-		40-49 5	0-64 G	E 65 T	OTAL	MEAN	MEDIAN		·
• • • • •	• • • • • • • •				•••••	•••••	*****	arvo	DAIR		
• • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	•••••	•••••	* * * * * * * * *	2.1	4.9	4.0		
							1.8	4.8	4.0		
						***	1.7	5.9	6.0		
. 1	• 1						4.0	6.8	5.0		•
.1							6.9	5.7	5. 0		
							4.1	5.6	5.0		
•0							6.0	6.2	6.0		
. 1		• 1					5.3	6.9	6.0		
• 0	• 0						5.à	6.9	7.0		· · · · · · · · · · · · · · · · · · ·
• 2	• 3	• 1				1	6.5	7.7	7.0		
1.9	• 4	• 1				2	4.9	8.7	8.0		
• 4	• 2						7.0	B.9	8.0		
. 	• • • • • • • •	•••••	• • • • • • • • •	•••••	• • • • • •	•••••	• • • • •	•••••			
/////	/////////	///////////////////////////////////////	///////////////////////////////////////			///// 1	4.0	/////	/////		
2.8	1.0	• 3		***************************************		10	0.0	6.4	7.0		
AL NUM	BER OF DE	SERVATION	\$ 3168	e ara		13555					
•••••											
		·								<u>.</u>	

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		CATION "A"		PERCE	ENTAGE			CCURRENC JURLY OBS			DIRECT	ION A	/ERSUS
STAT	ION NUMBE	ER: 726436		TATION NA St to uto	C: + 6					HUN1H:	UF REC	ORD: HOI	AUG 7 URS: AL
• • • •	•••••	•••••	• • • • •			• • • • • • • •					• • • • • • •		
CATE	GORY A:	CEILING GE	200	BUT LESS	S THAN		EET AIT	H VISIBI	ILTTY GE	1/2 MI	LE (080	JO MET	rees).
-		VISIBILITY	GE 1	1/2 MILE) BUT LE	SS THAN	3 MILES	(4900	METERS	j with	H CEILI
• • • •	• • • • • • • •	••••••	• • • • •	, • • • • • • •	•••••	WIND '	SPEED IN	KNOTS	• • • • • • •	• • • • • •	•••••	, • • • •	• • • • • •
0	DIRECTION	1-4	5-9	10-14			25-29	30-34				GE 65	5 T D1
(DEGREES)		••••	• • • • • • •	,							,	· · · · · · · · · · · · · · · · · · ·
(N)	350-010	2.5	1.0		•••••	••••••	, • • • • • • •		• • • • • • •	• • • • • •	•••••	1 • • • •	3.
,	020-040	2•1		• 6									2.
1	050-070	1.0	1.9	1.0									3.
(E)	080-100	2.1	3.1	• 6	.8	. 4							7.
;	110-130	3.1	4.2	2.1									9.
	140-160	2.1	4.4	1.2									7.
(S)	170-190	2.5	4.8	1.2									5.
ě	200-220	2.3	2.5	1.0	. 4		•4						5.
ä	230-250	• 5	1.9	• 6		• 2							3.
(W) 2	260-290	1.2	3.5	2.1		1.0	.4						8.
7	290-310	4.0	7.1	5.8	1.9	1.0	• 2						20.
	320-340	1.9	3.3	2.7	.6	• 6							9.
V	ARIABLE	•••••	• • • • •	, • • • • • • •	• • • • • •	• • • • • • • •	· • • • • • • •	•••••	• • • • • • •	• • • • • •	•••••	, .	•••••
(CALM	//////////	/////	,,,,,,,,,,	/////	///////	,,,,,,,,	1111111	///////	//////	//////	/////	// 10.
T (OTALS -	25.4 3	37.7	19.1	3.7	3.2	1.5	÷÷					100
				† n'	TAL NU	MBER OF	OBSERVA	TIONS	521				

C - 4 - 6

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	F	ROM HOURLY O	BSERVATIO	NS							
VOL 6	K FLD A	NGB HI	• • • • • • •		D OF RE	CORD: HOUR	AUG 73 S: ALL	- JUL 8	8		
4N 1 702	500 FEE	ET AITH VIŠI	BILITY GE	1/2 M	TLE (08	00 METE	RS).				
) 0 M	ETERS) F	BUT LESS THA	N 3 MILES	(4900	METERS) WITH	CEILING	GE 200	FEET.		
		ED IN KNOTS	36 36				707.1				·
	20-24 2	25~29 30~34	35-39	40-49 • • • • • •	50-64	GE 65	TUTAL	MEAN	MEDIAN		
							*	CNIW	WIND		
••••	•••••						3.5	3.9	4.0		
							2.7	4.5	3.0		
							3.8	6. A	6.5		
3	.4						7.1	7.8	5.0		
							9.4	5.9	6.0		
							7.7	6.4	6.0		
							8.4	6.2	6.0		
. 4		. 4					6.5	7.4	5.0		
	• 2						3.3	7.9	7.0		
	1.0	.4					8.1	10.0	8.0	-	
. ?	1.0	• 2					20.0	9.4	9.0		
. 5	.6						9.0	9.5	٥.0		
• • • •											***
////	///////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	/////////	/////	//////	1111111	10.6	/////	111111		
		1.0							7.0		

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OPERATING LOC			PERC	ENTAGE	FREQUE			ICE SURF		DDIREC	TION VE	RSUS WI	ND S
STATION NUMBE	R: 726436		ATION N						MONTH	: FEB	HOUR	AUG 73	
**********	••••••	• • • • •	•••••	•••••		SPEED I			• • • • • • •	•••••	• • • • • • •	•••••	••••
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	
(N) 350-010	.4	.7	.9	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••		2.0	ē
020-040	1.1	2.4										3.5	è
050-070	3.5	2.4									***** * *** · · · · · · · · · · · · · ·	5.9	4
(E) 030-100	3.7	2.4	1.1									7.3	5
110-130	1.8	2.2										4.0	4
140-160	1.3	1.8	• 4									3.5	£
(S) 170-190	2.0	2.6	. 4									5.1	Ē
200-220	1.1	2.2	.7									4.0	٤
230-250	1.1	1.8	1.3									4.2	7
(W) 260-280	8.1	3.7	.9									12.8	4
290-310	4.3	4.8	2.9	. 9	• 2							13.7	7
320-340	1.5	2.0	2.4	. 4	• 4							6.9	ć
VARIABLE	••••••	••••	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	•••••	••••
CALM	/////////	/////	///////	//////	//////	//////	///////	///////	'//////	//////	///////	27.3	///
TOTALS	30.4	29.0	11.0	1.3	•6		-					100.0	4
			10	TAL NUN	IBER OF	OBSERV	TIONS	454					

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			-				er erminden i er		
			-						
TAGE F		CCURRENCE SURF	ACE WIND DIRECTORS	TION VERSUS	WIN	ND SPEE	D		
* VOL	K FLD ANGB AI		PERIOD OF RE	HOURS: 0	6-08	3	8	. —	
	WIND SPEED IN 20-24 25-29	KNOTS	40-49 50-64		TAĒ %	MEAN WIND	MEDIAN WIND		
• • • • •				* * * * * * * * * * * * * * * * * * * *	.0	8.2	9.0		
					.5	5.8	6.0		
					.9	4.3	4.0		
					. 3	5.3	4.0		
					.0	4.8	5.0		
				3	3.5	5.6	5.0		
					. 1	5.4	6.0		
					.0	6.9	6.0		
					. 2	7.0	7.0		
					2.8	4.6	4.0		
• 9	• 2				.7	7.2	6.0		
. 4	.4				. S	8.8	d•0		
//////	<i> </i>	///////////////////////////////////////	'''''''	/////// 27	7.3	/////	111111		
1.3	.6			1.00	0.0	4.4	5.5		
AL NUME	BER OF OBSERVA	ATIONS 454							
• • • • • •		• • • • • • • • • • • • • •			• • • •				
			The state of the s						
						*			
		7 - 4 - 7		4					

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STÂÍ	TION NUMBER	: 726436	ST	ATION V	MAME: VI	aLK FLÓ	PERIC	OF RE	CORD:	AUG 73					
			LS	LST TO UTC: + 6							PERIOD OF RECORD: AUG 73 MONTH: FEB HOURS: 09-1				
	DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND 20-24	SPEED IN 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL		
	350-010	1.5	2.0	.8			•••••	•••••		• • • • • •		. • • • • • • • • • • • • • • • • • • •	4.6		
	020-040	.7	1.9	1.1									3.8		
	050-070	1.2	2.5	. 7									4.4		
(E)	080-100	3.1	3.2	1.4	• 1								7.8		
	110-130	1.9	4.2	1.0									7.1		
	140-160	2.8	1.6	• 3	•1								4.9		
(5)	170-190	1.3	3.4	•9									5.6		
	200-220	1.4	2.8	1.4									5.4		
	230-250	• 9	1.5	.8	• 2								3.5		
(W)	260-280	2.7	4.6	2.9	• 3	• 2	2						10.7		
	290-310	3.8	7.7	4.2	.7	•1	,						16.5		
	320-340	1.2	3.4	3.1	.7	.4	.1						8.9		
	VARIABLE	••••••	, • • • • •	•••••	•••••		• • • • • • • •	, .	•••••) • • • • • • • •			* * * * * * *		
	CALM	/////////	/////	///////	'//////	//////	1///////	1//////	///////	1/////	///////	///////	/ 16.7		
1	TOTALS	22.4	39.9	18.6	2.3	. 7	7 .1						-T00.0		

TOTAL NUMBER OF OBSERVATIONS 976

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C - 4 - 8

AGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS VOLK FLD ANGB WI PERIOD OF RECORD: AUG 73 - JUL 88													
V01	LK FLD	ANGB HI	m,	and the second		D OF RE	CORD: A	UG 73 -	JUL 8	8			
19		PEED IN 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND			
.2	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • • •	4.6	6.8	7.0			
								3.8	7.3	8.0			
								4.4	6.7	7.0			
. 1								7.8	6.2	6.0			
								7.1	6.5	6.0			
. 1								4.8	5.1	4.0			
								5.6	6.8	7.0			
								5.6	7.0	7.0			
• 2								3.5	7.4	6.5			
. 3	• 2							10.7	7.6	7.0			
. 7	• 1							16.5	7.3	7.0			
. 7	. 4	•1						8.9	9.9	9.0		·	
• • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	•••••	• • • • • •	•••••			
///	//////	///////	1/////	'//////	//////	1111111	1111111	16.7	/////	//////			
٤.	. 7							100.0	6.0	7.0			
NUME	SER OF	OBSERVA	ZNEIT	976	•••••	•	•••••	•••••	• • • • • •	•••••			

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OPERATING LOC			PERC	CENTAGE	FREQUE			NCE SURF BSERVATI		ND DIREC	V NOIT	ERSUS WIN
STATION NUMBE	R: 726436		N NCITAT TU OT TO			ANGB WI	[PERIO MONT	00 OF RE	CORD: HOU	AUG 73 -
DIRECTION (DEGREES)	1-4	5-9			WIND 20-24	SPEED IN 25-29	N KNOTS 30-34	35~39	40-49	50-64	GE 65	
(N) 350-010	1.0	2.1	.7			•••••	• • • • • •	• • • • • • •	• • • • • •			4.2
020-040	1.1	1.7	.4									3.3
050-070	. 4	2.4	.7	• 1						- ·· <u>-</u>		3.5
(E) 080-100	1.4	3.0	1.4									5.9
110-130	1.5	2.5	2.1									6.1
140-160	1.8	2.9	• 7									5.4
(S) 170-190	2.1	4.7	1.0	•1								7.9
200-220	1.2	3.3	• 9	.3	. 1							5.9
230-250	1.8	3.5	1.3	• 5								7.2
(W) 260-280	4.5	7.1	4.6	• 9	• 2							17.2
290-310	3.6	6.5	5.1	. 8								16.0
320-340	1.8	2.7	3.4	• 7	. 4							9.0
VARIABLE	•••••	•••••	•••••	,		• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	•••••	•••••
CALM	/////////	/////	1111111	///////	//////	///////	//////	///////	//////	///////	/////	8.3
TOTALS	22.2	42.4	22.3	3.7	.7							100.0
			T !!	TAL NUP	1BER OF	OBSERVA	SPECITA	974				,

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GE		OCCURRENCE S	SURFACE WIND DIRECT	TION VERSUS WI	ND SPEE	D	
V 0	OLK FLD ANGB			ORD: AUG 73 HOURS: 12-1		18	
19	WIND SPEED 20-24 25-2		39 40-49 50-64	GE 65 TOTAL	MEAN WIND	MEDIAN WIND	
. 4	• • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • • • • • • • •	4.2	7.8	7.0	
-				3.3	5,9	6.0	
. 1				3.6	7.6	ಕ.0	
		88-0		5.9	7.2	3.0	
				6.1	7.4	8.0	
				5.4	6.3	7.0	
. 1				7.9	6.5	5.0	
. 3	•1			5.9	7.6	7.0	
. 5				7.2	7.3	7.0	
. ٩	• 2			17.2	7.8	8.0	· · · · · ·
. 8				16.0	7.9	8.0	
. 7	. 4			9.0	9.3	9.5	
	•••••	• • • • • • • • • • •	-		• • • • • •		
						-	
		///////////////////////////////////////	'''''''''''''''''''''''''				
. 7	.7			100.0	6.9	7.0	
NUM	BER OF OBSER	VATIONS 974					
						· · · · · · · · · · · · · · · · · · ·	
		-					· —
	* *** *** *** ***						
				Mark Company			
		C - 4 -	9				

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-	ERATING LOCA AFETAC, ASHE			PERC	ENTAGE	FREQUE			NCE SURF		D DIREC	CTION V	ERSUS WI	ND SE
ST	ATION NUMBER	R: 726436	LS	T TO UT	C: + 6		ANGB WI			MONTH	I: FEB	HOUH	AUG 73 RS: 15-1	7
••	DIRECTION (DEGREES)	1-4		10-14	15-19	WIND 20-24	SPEED IN 25-29	30-34	35 -3 9	40-49	50-64	GE 65	TATAL %	
) 350-010	.7	2.3	.8	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • • •	3.8	7,
	020-040	1.4	1.9	.3									3.6	£.7
	050-070	.4	1.6	1.5									3.6	7 :
(E) 080-100	•8	3.7	1.6									6.2	7.
	110-130	1.1	3.3	1.2									5.6	6.
	140-160	2.6	3.1	. 7									6.4	٤, ,
(s	170-190	1.5	4.4	• ઇ									6.7	6.
	200-220	1.5	2.3	.8	.1								4.9	4,
	230-250	2.6	3.8	1.5	• 3								€.2	7,
(4	260-280	4.9	6.6	4.9	. 7	. 1							17.2	7.
	290-310	2.3	6.3	6.0	1.4		•1						16.1	٦,
	320-340	2.5	3.3	3.6	. 3								10.1	• 1
••	VARIABLE		, 	•••••	• • • • • •	•••••		•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	••••
	CALM	/////////	/////	//////	//////	/////	///////	//////	///////	///////	//////	//////	7.5	///
	TOTALS	22.4	42.6	23.7	3.3	•1	.1						100.0	4.
				TO	TAL NUM	BER OF	OBSERVA	TIONS	731					

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E FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

		EED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
• • • • •	• • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	3.8	7.4	6.5	
								3.6	5.6	5.0	
								3.6	7.8	7.5	
								6.2	7.4	9.0	
								5.6	6.8	6.0	
							-	6.4	5.2	5.0	
								6.7	6.3	6.0	
								4.9	5.6	6.5	
i								8.2	7.0	6.5	
•	. 1							17.2	7.6	8.0	
,		•1						16.1	9.1	9.0	
\$								10.1	8.4	8.0	
••••	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	
'///	/////	/////	//////	//////	//////	//////	//////	7.5	/////	/////	
3	• 1	. I						100.0	5.9	7.0	

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU! OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NAME: VOLK FLD ANGB WI PERIOD OF RECORD: AUG STATION NUMBER: 726436 LST TO UTC: + 6 MONTH: FEB HOURS: / WIND SPEED IN KNOTS 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 (DEGREES) • B (N) 350-010 1.0 1.9 • 2 • 5 1.9 020-040 1.1 050-070 1.1 2.2 • 8 • 0 • 0 (E) 080-100 2.1 3.1 1.4 110-130 1.6 3.2 1.2 140-160 2.2 .0 (5) 170-190 1.7 • 9 .0 200-220 2.7 • 0 230-250 1.6 2.7 1.2 ,5 (W) 250-230 5.7 • 2 . 9 290-310 1 : 3.5 • 0 6.5 4.7 . 1 .7 320-340 2.9 3.2 . 3 VARIABLE CALM TOTALS 19.8 2.7 23.7 39.2 100 TOTAL NUMBER OF OBSERVATIONS 3135

			=							
CEN	TAGE F	REQUENC	Y OF DCC	URRENCE SUR Ly observat	FACE WIND DIG IDNS	RECTION VE	RSUS HI	ND SPEE	<u>D</u>	
	E: VÓL	K FLD A	NGS AI		PERIOD OF MONTH: FEB		AUG 73 - S: ALL	- JUL 8	8	
			PEED IN K		40-49 50-6		TOTAL	MEAN	MEDIAN	
•••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • •		••••••	• • • • • • •	WIND	WIND	
•••		• • • • • •	• • • • • • •	• • • • • • • • • •	• • • • • • • • • • •	•••••	3.9	7.4	7.0	
,							3.5	6.3	6.0	
	• 0				Markett to the control of		4.2	5.6	7.0	
	.0						6.7	6.6	5.0	
							6.0	6.7	5.0	
	• 0						5.2	5.5	5.0	
	.0						6.5	6.4	6.0	
	. 1	• 0					5.3	7.1	7.0	
	. 3						5.8	7.2	7.0	
	• 5	• 2					14.5	7.3	7.0	
,	• 9	• 1	• 0				15.9	7.9	8.0	
	.7	• 3	• 0				8.9	9.2	9.0	
•••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • •		•••••	• • • • • •	• • • • • •	• • • • • •	
///	/////	//////	////////	///////////////////////////////////////		//////////	13.5	/////	/////	
	2.7	• 5					100.0	5.3	7.0	
TA	L NUMBI	ER OF O	BSERVATI	ONS 3135			-			
411	L NUMBI	:R OF 0	BSERVATI	DNS 3135		•••••	• • • • • • •			

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OPERATING LOCATION "A" PEPCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS USAFETAC, ASHEVILLE NO FROM HOURLY DBSERVATIONS STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGS WI PERIOD OF RECORD: AUG 7 LST TO UTC: + 6 MONTH: FEB HOURS: AL CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (OBOO METERS). AND/OR VISIBILITY GE 1/2 MILE (0900 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILI WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOT. (DEGREES) (N) 350-010 2.4 2.7 • 2 5.: 020-040 2.4 4.2 . 4 6. 050-070 2.6 1.5 • 2 3.3 8.1 (E) 080-100 3.1 7.5 3.7 . 2 14.4 110-130 7. 1.0 4.9 1.3 140-160 2.4 2.4 . 9 • 2 5. (S) 170-190 2.0 3.5 • 5 . 2 5.: 200-220 1.3 1.1 . 2 . 2 . 2 2. 230-250 . 9 • 5 **,** 9 . 9 (W) 250-280 2.7 2.4 1.3 . 4 290-310 2.0 4.0 4.2 .5 10.1 320-340 2.0 1.6 7.1 VARIABLE CALM TUTALS 26.1 39.0 16.7 100.0

TOTAL NUMBER OF OBSERVATIONS

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IGE FRF	QUENCY O	F OCCURREN	ICE SURFA	CE WIN	D DIREC	TION VE	RSUS WTM	ND SPEF	D.	
.ve The		HOURLY DE			J 51.1.25				_	-
: VOLK 1	FLD ANGS	ЯÏ	# A ****	PERIDO		CORD: HOUR		- JUL 8	8	
• • • • • •	• • • • • • •	• • • • • • • • •	•••••	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	
HAN 150	O FEET	WITH VISIA	ILITY GE	1/2 M	ILE (OA	OO METE	RS).			
300 MET	ERS) BUT	LESS THAN								
		IN KNOTS 29 30-34				CE 45				
-14 20	-24 25-	• • • • • • • • • •	••••••	•••••	• • • • • •	•••••	• • • • • •		• • • • • •	
• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • •		% 5.3	WIND 5.1	#IND	
							6.9	5.8	6.0	
• 2							8.0	6.4	0.0	
• 2							14.4	7.1	7.0	
							7.9	6.7	7.0	
• 2							5.9	6.1	5.0	
• 2							6.2	6.0	5.0	
• 2	• 2						2.9	5.5	6.0	
• •							3.3	10.2	11.0	
. 4	. 4						7.1	7.5	6.0	
• 6							10.3	3.2	b.0	
• 2	. 5				-		7.1	7.9	7.0	
• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •		• • • • • •	
////////	////////	//////////	/////////	//////	//////	//////	14.1	/////	/////	
1.0	1.1				-		100.0	5.0	5.0	
HIMAED	OF OBSE	ZNCITAVS	547							-
107564			-							

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WITH FROM HOURLY OBSERVATIONS

STA	TION NUMBE	R: 726436		M MÉTTA TU OT T		LK FLD	ANGB WI				D OF RE	CORD: HOUR	AUG 73 S: 06-0
•••	• • • • • • • • •	• • • • • • • • •	• • • • •	• • • • • •	•••••		PEED IN		• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •
	DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
	350-010	1.5	2.8	1.5	•••••	•••••	••••••	•••••			• • • • • •		5.8
	020-040	1.3	2.3	•5	. 3								4.8
	050-070	1.3	1.0	• 3									2.5
(E)	080-100	4.3	3.5	2.5									10.3
	110-130	3.0	5.0	1.5	. 3								9 , P
	140-160	1.5	1.3	1.3									4.5
(5)	170-190	• 3	2.3	2.3	. 3								5.0
	200-220	1.3	3.3	•3		.3							5.0
	230-250	2.0	2.3	• 5		. 3							5.)
(R)	250-230	2.5	1.5	. 5	.5								5.2
	290-310	3.3	6.0	5.3	• 5								15.1
	320-340	1 • ∺	4.3	2 • €	1.0								10.3
•••	VARIABLE	••••••	• • • • •	• • • • • •	• • • • • •		•••••	• • • • • •	• • • • • •	•••••	•••••	•••••	• • • • • •
	CALM	///////	/////	//////	///////	//////	///////	111111	///////	///////	//////	///////	16.3
1	TOTALS	24.6	35.6	17.3	2.9	.6							100.0
				TO	TAL NUM	REP OF	DBSERVA	TIONS	398				

ASE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

• 6	LK FLD	ANGB HT				ID DE RE I: Mar	CORD:	106 73 - 5: 06-08		•••••	-
-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN HIND	
	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	5.8	7.3	7.0	
. 3								4.8	5.9	6.0	
								2.5	5.1	4.5	
								10.3	6.3	6.0	
. 3								9.8	5.6	5.0	
								4.5	7.1	7.0	
. 3								5.0	9.5	9.5	
	. 3							5.0	6.8	5.0	
	• 3							5.0	5.5	6.0	
• 5								5.0	5.9	4.5	
• =								15.1	7.3	8.0	
1.)								10.3	8.5	8 • G	
		• • • • • • •	• • • • • •	• • • • • •			• • • • • •	• • • • • • •	• • • • •	• • • • • •	
////	/////	////////	//////	///////	///////	///////	///////	16.3	/////	111111	ē
2.9	.6							100.0	4.0	7.0	

L NUMBER OF OBSERVATIONS 398

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NAME: VOLK FLD ANGS HI STATION NUMBER: 726436 PERIOD OF RECORD: AUG 73 -LST TO UTC: + 6 MONTH: MAR HOURS: 09-11 WIND SPEED IN KNOTS DIRECTION 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL (DEGREES) × (N) 350-010 • 3 1.3 2.3 7.5 020-040 1.3 2.1 1.0 . 2 4.6 050-070 • 9 1.7 3.9 (F) 080-100 2.2 4.3 3.2 . 1 9.9 110-130 2.5 4.3 3. 3 . 1 . 1 10.8 140-160 1.7 2.7 1.3 . 2 . i 6.0 (S) 170-190 3.2 3.1 • 5 7.5 200-220 1.5 1.2 . 1 . 2 . 7 230-250 2.4 1.5 . 2 . 1 (W) 260-280 1.4 3.0 2.1 . 7 7.5 290-310 2.5 4.8 5.1 1.6 14.0 323-340 1.7 5.0 2.3 1.2 10.7

TOTALS 13.5 38.4 29.4 5.2 .8 .2

VARIABLE CALM

TOTAL NUMBER OF OBSERVATIONS 1024

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7.8 /

100.0

SE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: AUG 73 - JUL 88

VOLK FLD ANGS AT

6			,,,,,	<i>-</i>			MONTH	: MAR	HOUR	RS: 09-1	1	
13					KNOTS 30-34	35-39	40-49	50-64	GE 65	¥	WIND	
٠ ٠ ٠ د	• • • •	• • •	• • • •	••••	• • • • • •	• • • • • • •	•••••	•••••	•••••		7.9	ತ.0
										4.6	6.9	5.0
										3.9	7.7	٠.,
. 1										9.9	7.7	5 . ()
. 1		. 1								10.4	7.7	4.0
		. 1								6.3	7.7	1.0
										7.5	9.1	÷.0
. 1				• 2						4.7	8.5	9.5
		. 1								4.9	۵.4	3
. 7		. 4								7.5	9.2	7.0
, •.										14.0	9.0	9.0
		• 1								10.7	8.4	€.0
• • •	• • • •	• • •	• • • •	••••	• • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • • •	•••••	•••••
.//	////	///	////	////	//////	///////	1111111	//////	111111	7.8	/////	//////
. 2		. 8		• 2						100.0	7.5	3.5
IUM:	3E>	ЭF	oas	ERVA	TIONS	1024						
• • • •	• • • •	• • •	••••	••••	• • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	•••••

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OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY OBSERVATIONS

OUNTERNOT NO												
STATIUN NUMA		LS	זט טז	C: + 6					MONTH	I: MAR	HOUR	AUG 73 - S: 12-14
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND 9	SPEED IN 25-29	KNOTS 30-34	35-39			GE 65	TOTAL
(N) 350-010	1.3	2.5	2.3	.5	******	•••••	• • • • • •	•••••	• • • • • • •	•••••	•••••	5.5
020-040	1.0	1.5	1.1	.1								3.6
050-070	1.0	1.5	1.5									4.2
(E) 090-100	1.1	3.5	3.3	.4								9.2
110-130	. 9	4.4	3.7	• 8	• 2							10.1
140-160	1.0	3.3	2.5	• 5								7.3
(S) 170-190	•9	3.6	1.3	• 5	.1							6.3
200-220	1.1	2.0	2.5	•6	. 3	•1						ნ. რ
230-250	1.0	2.0	1.3	. 4	• 5		. i					5.2
(H) 260-280	1.5	4.4	4.5	•5	•5							11.4
290-310	1.7	5.8	6.0	2.2	.4							16.2
320-340	1.1	4.2	3.1	1.3								3.5
VARIABLE	• • • • • • • • • •	••••	•••••	•••••		• • • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • • •	•••••
CALM	////////	/////	//////	//////	//////	///////	//////	///////	///////	///////	///////	4.9
TOTALS	13.5	34.8	33.3	7.3	2.0	•1	•1					100.0
			TO	TAL NUM	BER OF	OBSERVA	TIBNS	1034				

NTAGE !	FREQUE		OCCURREN DUKLY DB			O DIREC	CTION VE	RSUS WIN	D SPE	ED	= =	
46: VO	LK FLO	ANGR AT	· ·			D OF RE		AUG 73 - S: 12-14	JUL	38		
	CHIM	SPEED IN 25-29	KNOTS				GE 65		MEAN CVIH	MEDIAN WIND		
	• • • • • •				• • • • • •		• • • • • •					
• 5								5.5	8.3	8.0		-
.1								3.6	7.3	7.0		
								4.2	7.4	8.0		
. 4								8.2	9.9	9.0		
• 5	• 2							10.1	9.5	9.0		
• 5								7.3	8.5	ಕ.೨		
• 2	. 1							6.3	8.6	3.0		
• 5	. 3	.1						6.6	9.9	10.0		
. 4	. 5		• 1					5.2	9.6	5.0		
• 5	.5							11.4	9.3	9.0		
2.2	.4							16.2	10.1	10.0		
1.3								9.6	9.1	5. 0		· · · · = · · · · · ·
• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • • • •	• • • • • • •		
/////	//////	·//////	1111111	//////	1111111	///////	1111111	4.9	/////	//////		
7.3	2.0	.1	.1					100.5	8.7	٥. و٠		
51 SUM	BER DE	OBSERVA	TIONS	1034								

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OPERATING LOCATION WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB HI PERIOD OF RECORD: AUG 73 -MONTH: MAR LST TO UTC: + 6 HOURS: 15-17 WIND SPEED IN KNOTS DIRECTION 15-19 20-24 25-29 30-34 35-39 (DEGREES) (N) 350-010 7.5 • 3 . 1 3.3 3.1 020-040 • 9 1.3 . 5 2.9 050-070 . 7 1.2 1.3 . 1 (E) 080-100 . 9 3.6 3.1 2.7 9.3 110-130 . 7 5.1 5.7 140-160 1.8 1.9 1.9 . 1 (S) 170-190 4.8 1.9 9.4 1.5 1.0 • 9 200-220 . 5 . 7 . 1 3.0 • 6 230-250 0.7 1.2 1.9 2.1 1.3 . 3 4.9 (H) 250-280 1.3 4.6 1.3 12.7 290-310 2.2 1.3 . 3 15.4 320-340 1.0 5.1 10.3 VARIABLE 5.1 CALM

TOTALS

37.1

34.2

8.0

TOTAL NUMBER OF OBSERVATIONS

100.0

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

And the second second

+ 6		ANGS 41			MONTH	: MAR	HOUR	AUG 73 - S: 15-17	,		
	4140	SPEED IN 25-29	KNOTS								
3		• • • • • • •	•••••	•••••	• • • • • •	•••••	•••••	7.5	R.9	9.0	
•	••							2.8	6.3	7.0	
. 1								3.4	8.1	9.0	-· ·
. 7								8.4	3.9	9.0	
. 4								9.0	9.8	10.0	
• 1								5.7	7.6	7.0	e.
•)								9.4	8.3	6.8	
• 6	• 1							3.0	9.9	10.0	
1.3		• 3						6.7	10.6	19.3	
3	. 4							12.7	9.3	10.0	
1.3	. 3	ı						15.4	9.6	9.0	
•)								10.8	8.9	3.0	
,		•••••	• • • • • •	• • • • • •	• • • • •	• • • • • •	•••••	• • • • • •	• • • • •	•••••	
1111	,,,,,,	///////////////////////////////////////	(/////	//////	//////	//////	///////	/ 5.1	/////	//////	
	. 9									9.0	
.10+	13ER DE	- naserva									
••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	
				-							

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NAME: VOLK FLD ANGS HI PERIOD OF RECORD: AUG 73 - J STATION NUMBER: 726436 LST TO UTC: + 6 SAM : HTMCM HOURS: ALL WIND SPEED IN KNOTS 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL DIRECTION (DEGREES) 3.1 2.4 • 0 7.0 (N) 350-010 . 3 1.2 020-040 1.2 1.8 .9 . 1 3.9 . 9 1.3 .0 050-070 1.5 (E) 090-100 3.1 9.1 110-130 1.5 4.1 3.8 . 1 10.0 140-160 • 0 5.1 • 9 7.2 (S) 170-190 2.1 3.6 • 0 5.0 200-220 1.1 • 2 . 1 1.6 1.5 • 2 230-250 1.1 2.2 1.4 . 1 • C . 7 9.5 (W) 260-280 1.5 3.7 3.2 2.3 5.6 15.1 290-310 5.5 1.6 . 2 320-340 1.3 3.1 .0 10.3 1.1

TOTAL NUMBER OF OBSERVATIONS 3125

1.1

. 2

VARIABLE

CALM

TOTALS

16.3

38.2

30.3

6.3

7.4 100.0

	9	JUL 8	AUG 73 - S: ALL		OF RE				ÀNGS HI	LK FLD	1E: VO + 6
	MEDIAN	MEAN	TOTAL	• • • • • •	• • • • • •	•••••	35 - 39		PEED IN 25-29	-	 5 - 19
	สหมั	GNIW	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • •
	8.0	3.2	7.0	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	.0	
	6.0	6.8	3.9								. 1
	3.0	7.4	3.7	-							.0
	3.0	8.1	9.1								. 3
	8.0	8.6	10.0							• 1	. 4
	3.5	7.9	6.1							• 0	.3
	3.0	8.8	7.2							•0	• 5
	8.5	9.1	5.0						. 1	• 2	• 4
	9.5	9.2	5.4					• 0	. 1	• 2	• 5
	9.0	9.2	9.6							. 4	.7
	9.0	9.4	15.1							•2	1.6
	5.0	8.9	10.3							• 0	1.1
	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	
-	111111	/////	7.4	//////	///////	//////	//////	//////		11/1///	////
	n•0	3.0	190.0	•	e e				•2	1.1	5.3

OPERATING LOUSAFETAC, AS			PERC	ENTAGE F	REQUENCY OF OCCU FROM HOURL	RRENCE SURFAC Y DBSERVATION		RECTION VERSUS
STATION NUMB		LS	יוט טו ד	C: + 6	K FLD ANGR WI		MONTH: MAT	
CATEGORY A:	CEILING G	E 200	BUT LES	S THAN 1: AND/DR	500 FEET WITH V ETERS) BUT LÉSS	ISTRIFITA CE	1/2 MILE	(0800 METERS).
DIRECTION			10-14	15-19	WIND SPEED IN KN 20-24 25-29 30	OTS -34 35-39 4	0-49 50-	54 GE 65 TG1
(DEGREES)	• • • • • • • • • • • • • • • • • • • •							
(N) 350-010	1.0	4.7	2.8	.6	. 2	• • • • • • • • • • • •	••••••	9,
020-040	1.0	1.4	. 4	• 2				3.
050-070	1.2	1.3	2.6					5.
(E) 080-100	3.1	5.5	0.7	• 2				15.
110-130	2 • a	8.5	4.1	. 4				15.
140-160	1.8	2.4	2.8	• 2				7.
(S) 170-190	1.0	3.5	1.3	. 4				6
200-220	1.8	2.0	• 2					3
230-250	1.2	2.0						3.
(W) 250-230	• 2	2.0	. 4	. 4				3
290-310	1.5	5.1	5.3	.6				12.
320-340	1.2	5.3	1.2	. 4				₹.
VARIABLE	• • • • • • • • •	• • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • •
CALM	///////	/////	//////	///////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		111111111	//////// 50
TOTALS	17.9	44.2	29.3	3.4	• 2			100.
			۲ŋ	TAL NUMB	ER OF OBSERVATIO	INS 509		

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DBSERVATIONS

, a	O FEET WI							GE 200	FEET.	i a remove
_	NO SPEED I		35-39	40-49	50-64	GE 65	TATEL	MEAN	MEDIAN	
• • • •	• • • • • • • • •	•••	•••••	• • • • • •	• • • • • •	• • • • • •	· · · · · · · · · · · · · · · · · · ·	CNIN	GFIN	
• • • • •	.2	• • • • • • •	• • • • • •	•••••	• • • • • •	•••••	9.3	8.4	8.0	
							3.0	5.2	5.0	
							5.5	7.4	9.0	
							15.6	a.2	9.0	
							15.7	7.8	8.0	
							7.1	8.3	5.5	
							6.7	8.1	7.5	
							3.9	5.3	5.5	
							3 • 1	5.3	6.0	
							, 3.0	3.3	3.9	
							12.6	8.9	9.0	
							6.1	7.6	7.0	
• • • •		• • • • • • • •	•••••	•••••	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	
////	///////////////////////////////////////		1111111	//////	//////	,,,,,,	5.5	/////	111111	- · · · -
. ,	•2						100.0			

OPERATING LOCATION WAW USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS

STA	TION NUMBER:	726436		r ATION N ST TO UT	NAME: VO	LK FLD	ÎN EDNA				OD OF RE		ÀUS 7
	OIRECTION (DEGREES)	1-4			15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	rnr "
	350-010	1.3	3.7	.7	•••••	******	•••••	•••••		•••••	,	•••••	5.
	020-040	. 9	2.1	• 9									3.
	050-070	1.6	3.7	• 2					-				. 5.
(E)	030-100	3.2	3.7	1.6	.7	• 2							9,
	110-130	2.1	7.4	2.3	• 2								12
	140-160	2.3	2.8	1.4									5
S)	170-190	1.3	• 9	.7	• 2								3
	200-220	. 7	2.1	1.6									4
	230-250	. 5	3.2	. 7	• 7	• 2							Ġ
W)	260-280	1.6	2.1	2.1	. 9	•5							7
	290-310	2.5	3.9	2.5	• 5	• 2	• 2						7
	320-340	1.4	5.3	3.0	•7								10
•••	VARIABLE	, .	•••••	• • • • • •	, 	. • • • • • •) • • • • • • •	,	• • • • • • •		• • • • • • •		• • • •
	CALM /	/////////	/////	1111111	///////	1/////	1111111	//////	////////	//////	///////	///////	' 14
	TOTALS	20.4	40.9	19.3	3.9	1.1	• 2						100
				T	OTAL NUM	ABER OF	D3SERV/	SPCITA	433				

SECUNTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	AME: VOL	K FLD A	IN EDM			JO OF RE	CORD: /	AUG 73 - S: 06-08		8	
14			EED IN KI 25-29 3		9 40-49	50-64	GE 65	TOTAL	MEAN WIND	MAIGEM CNIW	
. 7	• • • • • • •	• • • • • • •	• • • • • • •			• • • • • • •	• • • • • • •	5.2	5.8	5.0	
. 9								3.9	6.5	5.0	
. 2				- +				5.5	5.5	5.0	
	. 7	• 2						9.7	7.0	5.0	
. 3	• 2							12.0	7.1	7.0	
								6.9	5.3	6.5	
, ?	• 2							3.7	5.9	6.0	
1.6								4.4	7.7	3.0	
. 7	• 7	• 2						5.3	9.3	⊰.೧	
7.1	• 9	• 5						7.2	9.5	9.0	
: • F	• 5	• 2	• 2					9.9	3.4	٩.0	
ن ۽ ڏ	• 7							10.4	8.4	5. 0	
••••			• • • • • • •			••••		• • • • • •			
											_
////	////////	(///////	////////	///////////////////////////////////////	////////	///////	11/1////	14.8	/////	1/////	
5.3	3.9	1.1	• 2					100.0	5.4	7.0	. —

TOTAL NUMBER OF OSSERVATIONS 433

OPERATING LOCATION MAM-USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN FROM HOURLY OBSERVATIONS

DONE INC. AS	HEATTE MC					FK.JM 413	טאני או	PEKANII	742			
STATION NUMB	ER: 725436		N NOITA		LK FLO	ANGB 41				ID DE RE		AUG 73 - S: 09-11
DIRECTION (DEGREES)					GNIW	SPEED IN 25-29	KNGTS		40-49			TOTAL
(N) 350-010	1.7	2.4	1.9	4	•••••	• • • • • • •	• • • • • •	•••••	•••••	•••••	•••••	•••••• ••
020-040	2.5	2.8	.8	•								5.0
050-070	1.8	3.3	1.5	.1								6.9
(E) 090-100	1.9	3.9	3.2	. 5	• 2							d•a
110-130	2.1	4.5	3.5	• 5								11.0
140-160	• 3	2.9	2.3	. 7	.1							5.5
(S) 170-190	1.3	2.7	1.7	• 2								5.9
290-220	1.0	1.4	1.5	• 2								4.3
230-250	• 5	2.3	2.3	. 7	• 2							5•Z
(W) 260-280	. 7	2.7	3.2	• 0								7.5
290-310	1.5	3.7	4.2	1.3	. 7	• 2	•1					11.0
320-340	1.6	4.5	5.4	1.2								12.9
VARIARLE	• • • • • • • • •	•••••	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • •
CALM	////////	/////	//////	//////	/////	////////	//////	///////	1111111	///////	///////	5.3
TUTALS	16.3	37.5	31.7	6.9	1.3	•2	• 1					100.0
			۲ŋ	TAL NUM	BER OF	DASERVA	ZVCIT	977				

438 FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

+ 6		ANGS AI		• • • • • •		APR	CORD: HOUR!	5: 09-11		• • • • • •	
-14		25+29		35-37	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MAIDEM GPIW	
. 4	- 1	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	•••••	6.6	7.9	7.5	
								6.0	5.9	5.0	
. 1								6.9	7.2	7.0	
٠.	• 2							d.A	8.9	8.5	
• 4								11.0	8.1	a.J	
. 7	.1							5 • ೮	A.3	5.5°	
2								5.7	7.5	7. 2	
• 2								4,3	۹.1	9.0	
. 🤈	• 2							5.2	10.3	10.)	
. :								7.6	9.4	17.0	
1.1	. 7	• 2	.1					11.8	10.7	10.0	
1.2								12.9	9.4	10.0	
		• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	•••••	••••	
//////	'//////	////////	,,,,,,,	//////	,,,,,,,	//////	1111111	5.3	/////	11/1/1	
5.8		•2						100.0			
		D3SERVA1		977				· · ·			

C - 4 - 20

OPERATING LOCATION MAM-USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY OBSERVATIONS

.J) M F E	STACE ASS	ICTICE VE					7 89 1 110	542. 00	,					
STATI	ION NUMBE	R: 726436	LS	st to ut	TC: + 6					MUNTH	H: APR		RS: 12-1	14
	IRECTION DEGREES)				15-19	WIND 5	SPEED IN 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	
	350-010	1.0	3.4	3.3	.5		• • • • • • •	•••••	, • • • • • • •	•••••) • • • • • • • • • • • • • • • • • • •	3.4	• • •
(020-040	1.4	3.7	• ^{sq}									5.9	
(050-070	• 2	3.7	1.7	. 3								6.5	
(E) (030-100	1.8	2.7	2.9	.3	•1							ę.4	
1	110-130	• 3	2.5	4.1	1.2	• 1							8.5	
1	140-160	. 7	2.9	2.1	٤.								6.5	
S) 1	170-190	• 4	2.8	1.9	.7								5.0	
2	200-220	• 3	2.1	2.5	•5								6.3	
2	230-250	1.6	1.9	3.2	• 7	• 3							7.7	
(W) Z	250-280	• 9	2.5	2.5	. 3	• 5	. 1						7.4	
2	290-310	1.8	2.6	5.1	1.9	• 6	• 3						12.4	
3	320-340	1.5	3.9	5.6	1.7								12.3	
	ARIABLE	•••••	• • • • •	•••••	•••••	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •) • • • • • • •	••••••	•••••	, • •
Ç	CALM	////////	11111	1111111	1111111	1//////	///////	//////	///////	!//////	11/1///	///////	3.0	1
T	STALS	13.6	34.7	36.1	9.9	1.7	.4						100.0	
				ţr	ITAL NUM	1BER OF	ORSERVA	SIGIT	994					

NTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	>				· hear	18 87 87	2888				
ME	LK FLD	ANGS HI			MONTH	JD OF RE	LURUI RUDH	AUG 73 - S: 12-14	JUL 8	38	
•••••	WIND S	SPEED IN		• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • • •	• • • • •	• • • • • •	
	20-24	25-29	30-34					TOTAL	MEAN	MEDIAN WIND	
,5	.1	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	3.4	8.9	3.0	
								5.9	6.7	7.0	
. 3								6.5	8.2	٥.٥	
. 3	• 1							₹.4	9.9	9.0	
1.2	•1							8.8	10.3	10.0	
_ • •						-		6.5	9.1	9.0	·
.7								5.8	9.1	8.0	
•5								6.3	9.4	10.0	
. 7	. 3		-					7.7	9.5	10.0	
• 8	•5	. 1						7.4	10.2	10.0	
1.9	.6	. 3						12.4	11.0	11.9	
1.7								12.8	9.9	10.0	
	•••••	• • • • • • •	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • •		• • • • •		
///////	//////	///////	//////	///////	//////	·//////	///////	3.0	/////	1/////	=
9.7	1.7	.4						100.0	7.2	9.0	
TAL NUM	BER OF	ORSERVA	TIONS	994							
• • • • • •	• • • • • •	•••••	• • • • • •	•••	• • • • • • •	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	<u> </u>	• • • • • • • • • • • • • • • • • • • •	
				~·							
			••								

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OPERATING LOCATION WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS W USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 726436 IN BONA COLK FLD ANGB AL PERIOD OF RECORD: AUG 73 LST TO UTC: + 6 MONTH: APR HJURS: 15-WIND SPEED IN KNOTS DIRECTION 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) 7 (N) 350-010 1.5 2.0 . 3 2.7 020-040 4.0 1.2 2.4 1.2 .7 050-070 3.6 1.9 • 5 6.0 (E) 030-100 1.9 3.1 1.2 3.2 2.5 3.9 • 5 110-130 • 8 . 2 140-160 1.0 3.2 1.5 . 7 (S) 170-190 . 7 1.5 2.9 200-220 . 7 2.5 2.7 . 3 2.9 230-250 1.0 2.9 . 7 • 5 (H) 260-290 . 7 2.4 1.7 4.4 • 2 290-310 5.9 . 3 • 8 3.2 1.7 • 5 12.6 320-340 1.7 12.9 5.1 VARIABLE CALM 2.5 TOTALS 11.5 37.7 35.5 10.3 100.0 1.5 . 7

TOTAL NUMBER OF DESERVATIONS 589

SCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	• • •	• • • •	• • • • • •	S: 15-17	•••••	• • • • • •	• • • • • • •	• • • • • •	VALUE C	PEED IN		: + 6	,
	NAI CN		MEAN GNIW	TATEL X	GE 65	50-64	40-49	35-39		25-29		15-19	l 4
	.0		6.6	8.7	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	.3	. A	, .
	. 0	6	5.6	4.8									'
	• 0	=	8.6	6.6								• 5	
	• 5	7	9.3	8.5								1.2	. 1
	•)	10	9.7	0.8							. 2	• 5	, u
	• 0	_ /2	8.7	5.5								. 7	e,
	.0	10	3.7	5.6								• 5	<u>.</u>
	с.	ş	3.9	6.3								.3	i
1.0	•5	4	9.6	7.8						• 2	• 2	. 7	4)
	•0	c	10.0	9.3							• 2	1.7	••
	. ა	11	11.4	12.6						.5	. 3	1.7	;
	. 0	10	9.9	12.9							• 3	1.7	i

.5 17.3 1.5 .7

TOTAL NUMBER OF OBSERVATIONS 589

C - 4 - 22

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OPERATING LOCATION WAW USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS

STA	TION NUMBER	726435	LS	ST TO UT	TC: + 6	_				MONTH	UU ÖF RE	нои	AUG 7 JRS: AL
	DIRECTION	1-4	5-9	10-14	15-19	WIND S 20-24	SPEED IN 25-29	30-34	35-39	40-49	50-64		
	(DEGREES)	•••••	•••••	•••••	• • • • • •	•••••	, .	•••••		******	•••••		· • • • • • • • • • • • • • • • • • • •
(N)	350-010	1.5	3.2	2.2	.5	.1		•••••	• • • • • •		,	****	7.
	020-040	1.5	2.9	٠٥									5.
	050-070	1.2	3.5	1.5	• 2								5.
(E)	080-100	1.5	3.3	2.9	• 9	.1							a .
	110-130	1.4	4.0	3.6	. 7	•1							?.
	140-160	1.0	2.9	2.0	.6	.0							5.
(5)	170-190	1.0	2.2	1.9	. 4								٠.
	200-220	• 9	2.0	2.2	.3								5.
	230-250	1.0	2.4	2.5	• ô	• 2	• 3						٠,
(%)	260-280	1.0	2.9	2.7	1.0	• 3	. 3						7.
	290-310	1.5	3.3	4.4	1.5	. 5	• 3	• 0					11.
	320-340	1.5	4.4	5.1	1.4	.1							12.
	VARIABLE	•••••		•••••	•••••	•••••		•••••	, • • • • • • • •		•••••	•••••	• • • • •
	CALM	/////////	/////	1111111	<i>' </i>	1111111	1111111	//////	1/////	//////	//////	//////	// 5
7	CLATET	15.3	37.0	32.1	8.2	1.4	. 3						100
				1.0	TAL NUN	13ER OF	OBSERVA	TIONS	2993				

CENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	AME: VO	LK FLD	ANGB AI				DO OF RE	CORD: HOUR!	AUG 73 - S: ALL	י"טער פֿ	(A ⁻		
	15-19	WIND S 20-24	PEED IN 25-29	KNOTS 30-34	35-39	40-49	50-64	GE 65			MEDIAN		
••	• • • • • •		• • • • • •					• • • • • • •	λ	สเหน	čaik5		
,	•5	.1	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • • • •	7.5	8.2	3.0		
,									5.4	6.4	5.0		
	• 2								6.5	7.5	7.5		
,	٠ ٩	.1							R.7	8.7	9.0		
1,	. 7	.1							9.8	3.8	9.0		
	. 5	.0							6.6	3.3	9.0		
	. 4								5.5	9.5	e • 0		
,	. 3								5.4	8.3	9.3		
ä	• ä	•2	• 3						5.1	9,7	10.0		
. 7	1.0	• 3	. J						7.8	9.8	10.0		
۸.	1.5	• 5	.3	•0					11.9	10.7	10.0		
. 1	1.4	.1							12.5	9.6	10.0		
• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	•••••		• • • • • •		• • • • •	•••••		
'//	//////	//////	//////	//////	//////	//////	//////	1111111	5.4	/////	111111	_	
. 1	8.2	1.4	.3						100.0	3.5	9.0		
101	AL NUM	BER OF	DASERVA	TIONS	2993								
	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •		

OPERATING LOG USAFETAC: ASH			PERC	ENTAGE	FREQUE	NCY OF O		NCE SURFA BSERVATIO		D DIREC	ITION VE	RSUS HI
STÄTION NUMBE	ER: 726435		TATION NA ST TO UTO	C: + 6					MONTH	: APR		RS: ALL
CATEGORY A:	CETTANC CL	5 200	0+1T CC			 						
	VISIBILITY	Y GE 1	I/2 MILE	AND/DR (0000)	R METERS)) BUT LE	SS THAN	N 3 MILES	S (4800	METERS	S) WITH	CEILING
DIRECTION	1-4				WIND S	SPEED IN 25-29	KNOTS		40-49			
(DEGREES)	, • • • • • • • • • •	,	• • • • • • •	• • • • • •			• • • • • •	• • • • • • •	• • • • • • •	•••••	,	; • • • • • • • • • • • • • • • • • • •
(N) 350-010	2.1	5.0	3.2	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • •	•••••	, • • • • • • •	10.3
020-040	3.5	6.2	2.4									12.1
050-070	1.8	11.8	7.7	• 6								21.5
(E) 030-100	2.1	8.0	2.7	1.2	• 9							14.7
110-130	• 9	1.2	2.4	1.8								6.2
140-160	•6	1.8	1.5	.3								4.1
(S) 170-190	• 9	•6										1.5
200-220	1.2	• 3										1.5
230-250	• 3	• 9	• 3									1.5
(W) 260-230	. 3	• 9	1.5	• 9	• 6							4.1
290-310	• 9	3.5	3.9	. 9	• 3	1.2						10.6
320-340	1.2	3.5	5 • 3	. 3								10.3
VARIABLE		, • • • • •	• • • • • • •	•••••			• • • • • •		• • • • • •	•••••		
CALM	/////////	/////	'//////	/////	//////	////////	//////	1111111	//////	//////	//////	/ 1.2
	15.8					1.2						100.0

C - 4 - 24

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NTAGE FREQUENCY OF OCCURRENCE SURFA FROM HOURLY OBSERVATION	ACE WIND DIRECTION VERSUS WIND SPEED DNS
ME: VOLK FLD ANGS WI : + 6	PERIOD OF RECORD: AUG 73 - JUL 89 MONTH: APR HOURS: ALL
S THAN 1500 FEFT WITH VISIPILITY GE	1/2 MILE (0800 METERS).
ANDZIJR	5 (4800 METERS) WITH CEILING GE 200 FEFT.
WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-39	40-49 50-64 GE 65 TOTAL MEAN MEDIAN
,	12.1 6.6 6.0
•6	21.9 3.4 5.9
1.2 .9	14.7 9.0 8.0
1.6	6.2 10.4 11.0
. 3	4.1 9.5 3.0
	1.5 4.9 4.0
	1.5 4.3 4.9
	1.5 7.2 5.0
.9 .6	4.1 12.9 14.0
.9 .3 1.2	10.6 11.7 10.0
.3	10.3 9.1 10.0
	•••••••
	1//////////////////////////////////////
6.0 1.8 1.2	100.0 9.7 8.0
TAL NUMBER OF OBSERVATIONS 339	· · · · · · · · · · · · · · · · · · ·

C - 4 - 24

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2

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU OPERATING LOCATION "A" FROM HOURLY DBSERVATIONS USAFETAC. ASHEVILLE NO PERIOD OF RECORD: AUC STATION NUMBER: 726436 STATION NAME: VOLK FLO ANGB WI LST 10 UTC: + 6 MONTH: MAY HOURS: WIND SPEED IN KNOTS 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 NCITOBRIC (DEGREES) (N) 350-010 1.9 • 1 020-040 2.2 1.5 . 1 . 1 050-070 2.5 2.5 . 4 (E) 080-100 3.3 3.1 .6 110-130 5.2 . 9 140-160 . 3 (5) 170-190 1.5 5.5 1.2 1.9 200-220 1.3 2.2 4.0 230-250 1.5 • 6 • 3 (W) 260-280 2.4 3.3 1.2 290-310 2.5 4.2 2.5 • 1 . 3 320-340 3.1 1.5 · l VARIABLE CALM TOTALS 29.7 40.1 11.9 10

TOTAL NUMBER OF DBSERVATIONS

C + 4 - 25

653

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NTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

		SPEED IN 25-29		35-39	40-49	50-64	GF 65	TOTAL X	MEAN	MEDIAN WIND	
. 1	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •		4.8	6.0	5.0	
. 1								4.0	4.9	4.0	
								5.5	5.0	5.0	
				•				7.0	5.3	5.0	
								11.5	5.3	5.0	
			1. 7					6.9	5.4	5.0	
					***			8,2	7.0	7.0	
			•					5,0	5.9	5.0	
• 3								5.4	7.1	7.0	
								6.9	6.9	6.9	
• 1	. 3							9.7	7.4	7.0	
	.1							6.6	7.2	7.0	

.0 .4 100.0 5.2 6.5

TAL NUMBER OF OBSERVATIONS 668

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WI

USAFETAC. ASH	EVILLE NC				FRO	м но	URLY DE	SFRVATI	ONS			
STATION NUMBE	ĹS	STATION NAME: VOLK FLO ANGS WI PERIOD OF RECORD LST TO UTC: + 6 MONTH: MAY H							אטטא	DURS: 09-1		
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND SPEE 20-24 25	D IN -29	KNOTS 30-34	35-39				TOTAL
(N) 350-010	1.3	3.3	.9	. 3	• • • • • • • • •	• • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	5.7
020-040	2.0	1.7	.7	• 1								4.6
050-070	2.3	2.2	1.2									5.7
(E) 090-100	2.5	3.3	1.5	• 2								7.°
110-130	2.8	5.0	1.6									10.4
140-160	1.8	4.1	1.5									7.0
(S) 170-190	2.0	5.4	3.0	. 3								10.4
200-220	1.5	3.2	2.4	. 3								7.4
237-250	1.5	2.4	2.1	. 4	• 2							6.5
(A) 260 -2 80	1.2	3.8	2.6	• 2								7.4
290-310	1.8	3.9	3.1	.4	• ?							9.4
320-340	2.2	3.5	2.4	• 1								9.4
VARIABLE	• • • • • • • •	• • • • •	•••••	• • • • • •	• • • • • • • • •	• • • •	••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •
CALM	///////	/////	//////	//////	//////////	////	//////	//////	//////	//////	///////	3.7
TOTALS	22.9	42.9	23.3	2.3	. 4							100.0
			Til	TAL NUM	BER OF OBS	ERVA	TIONS	1029				

TAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

+ 5		IK EDNA			HTMOM	: MAY		S: 09-1	1	a i
	WIND S	PEED IN 25-29	KNOTS				GE 65	TOTAL %	MEAN	MEDIAN RINO
.3	• • • • •	•••••	• • • • • •	• • • • • •	•••••	•••••	•••••	5.7	6.9	5.0
.1								4.6	5.3	5.0
•								5.7	6.0	5.0
• 2								7.5	5.5	6.0
\$								10.4	6.5	6.0
								7.3	7.7	7.0
3								10.8	7.7	C • F
. 3								7.4	7.9	9.9
. 4	• 2							6.6	8.5	9.0
• 2								7 . a	3.1	9.0
.4	٠2							9.4	3.5	₽ • 0
• 1								8.4	7.3	7.0
•••••	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
//////	/////	///////	//////	//////	//////	//////	//////	9.0	/////	/////
2.3	.4							100.0	6.7	7.5
AL NUMBI	ES ÛE	ORSERVA	TIONS	1027						
•••••	• • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •

OPERATING LOCATION MAM USAFFTAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WI

SHEVILLE NO					FROM HO	URLY 38	BERVATI	.2NS			
BER: 726436	LS	ST TO UT	TC: + 6					MONTH	HAY	HOURS	AUG 73 S: 12-1
N 1-4				MIND	SPEED IN	KNOTS					TOTAL
1.3	2.2	1.1	.5	•••••	• • • • • • •	•••••	, 	•••••	• • • • • •		5.1
1.9	2.2	.6									4.7
1.6	2.9	.5	• 2								5.2
1.2	2.8	2.7	1.2								7.9
1.3	4.2	2.9	• 2								9.1
1.5	4.9	1.8	• 2								3.3
1.4	7.5	4.7	• 2	• 1							13.9
• 9	2.5	3.1	•5								7.7
• 9	3.2	2.3	. 7								7.6
1.9	2.2	2.2	•9	• 2							7.4
2.1	3.7	4.5	• 0	• 2							11.3
1.5	3.2	2.1	• 2								6.9
•••••		•••••		•••••	• • • • • • •	•••••	· • • • • • • •		• • • • • •		
////////	/////	///////	'//////	111111	///////	//////	'//////	'//////	///////	'//////	5 . 4
13.0	41.5	29.3	5.6	• 5							100.0
		TC	ITAL NUM	IBER DE	ORSERVA	TIOUS	1024				
	1-4 1.3 1.9 1.6 1.2 1.3 1.5 1.4 .9 .9 .9 .1.7	1-4 5-9 1.3 2.2 1.9 2.2 1.6 2.9 1.3 4.2 1.5 4.9 1.4 7.5 .9 2.5 .9 3.2 1.9 2.2 2.1 3.7 1.5 3.2	3ER: 726436 STATION N LST TO UT 1.3 2.2 1.1 1.9 2.2 .6 1.6 2.9 .5 1.2 2.8 2.7 1.3 4.2 2.9 1.5 4.9 1.8 1.4 7.5 4.7 .9 2.5 3.1 .9 3.2 2.8 1.9 2.2 2.2 2.1 3.7 4.8 1.5 3.2 2.1	SER: 726436 STATION NAME: VOLST TO UTC: + 6 1	SER: 726436 STATION NAME: VOLK FLD LST TO UTC: + 6 1-4 5-9 10-14 15-19 20-24 1.3 2.2 1.1 .5 1.9 2.2 .6 1.6 2.9 .5 .2 1.2 2.8 2.7 1.2 1.3 4.2 2.9 .2 1.4 7.5 4.7 .2 .1 .9 2.5 3.1 .5 .9 3.2 2.8 .9 1.9 2.2 2.2 .9 .2 2.1 3.7 4.P .6 .2 1.5 3.2 2.1 .2	SER: 726436 STATION NAME: VOLK FLO ANGB AI LST TO UTC: + 6 MINO SPEED IN MINO SPEED IN 1-4 5-9 10-14 15-19 20-24 25-29 1.3 2.2 1.1 .5 1.9 2.2 .6 1.6 2.9 .5 .2 1.2 2.8 2.7 1.2 1.3 4.2 2.9 .2 1.5 4.9 1.8 .2 1.4 7.5 4.7 .2 .1 .9 2.5 3.1 .5 .9 3.2 2.8 .9 1.9 2.2 2.2 .9 .2 2.1 3.7 4.8 .6 .2 1.5 3.2 2.1 .2	STATION NAME: VOLK FLD ANGB WI LST TO UTC: + 6 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 1.3 2.2 1.1 .5 1.9 2.2 .6 1.6 2.9 .5 .2 1.2 2.8 2.7 1.2 1.3 4.2 2.9 .2 1.5 4.9 1.8 .2 1.4 7.5 4.7 .2 .1 .9 2.5 3.1 .5 .9 3.2 2.8 .9 1.9 2.2 2.2 .9 .2 2.1 3.7 4.9 .6 .2 1.5 3.2 2.1 .2	STATION NAME: VOLK FLD ANGB HI LST TO UTC: + 6 HIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 1.3 2.2 1.1 .5 1.9 2.2 .6 1.6 2.9 .5 .2 1.2 2.8 2.7 1.2 1.3 4.2 2.9 .2 1.5 4.9 1.9 .2 1.4 7.5 4.7 .2 .1 .9 2.5 3.1 .5 .9 3.2 2.8 .9 1.9 2.2 2.2 .9 .2 2.1 3.7 4.9 .6 .2 1.5 3.2 2.1 .2	PERION NAME: VOLK FLO ANGB HI MONTH 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 1.3 2.2 1.1 .5 1.9 2.2 .6 1.6 2.9 .5 .2 1.2 2.8 2.7 1.2 1.3 4.2 2.9 .2 1.4 7.5 4.7 .2 .1 .9 2.5 3.1 .5 .9 3.2 2.8 .9 1.9 2.2 2.2 .9 .2 2.1 3.7 4.9 .0 .2 1.5 3.2 2.1 .2	SER: 726436 STATION NAME: VOLK FLO ANGB HI PERIOD OF PER	RER: 726436 STATION NAME: VOLK FLD ANGB #I PERIOD OF RECORD: MONTH: MAY HOURS ### SPEED IN KNITS 1-4

FROM HOURLY OBSCRVATIONS FROM HOURLY OBSCRVATIONS

	15-19	20-24	SPEED IN 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MASH	MAIGAM	
••	• 5	•••••	••••••	•••••	• • • • • •	• • • • • • •	•••••	• • • • • • •	5.1	7.4	5.5	
									4.7	5.9	5.5	
	• 2								5.2	5.2	6.0	gaga ng manangan sa aman
	1.2								7.9	9.1	9.0	
	• 2								9.1	7.3	8.0	
	• 2								3.3	7.5	કે.•0	
_	• 2	.1							13.9	5 • 2	A. 3	
	• 5								7.0	9.2	12.0	
	. 4								7.8	9.1	9.0	
	•9	• 2							7.4	8.5	h.0	
	• 5	٠٤							11.3	3.3	9.0	
1	• 2								6.9	7.5	3.3	

TITAL NUMBER OF OBSERVATIONS 1024

OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIFEROM HOURLY OBSERVATIONS

the contract of the contract o

EAILLE NO					FRUM HOURLY OBSERVATIONS						
-	LS	דט מז ז	C: + 6					MONTH	I: MAY	HOUR	AUG 73 S: 15-1
1-4				MINU	SPEED IN	KNOTS					TJIAL
1.3	2.8	2.2	.2	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	6.5
2 • 4	1.5	.4									4.3
. 6	3.0	.4	• 2								4.3
. 5	3.5	3.9	• 4								8.4
1.3	4.3	1.9	. 2	• 2							A.0
1.9	5.0	1.7									9.5
2.2	6.0	2.3	•4	• 2							11.7
2.4	3.0	3.0	. 9	• 2							9.5
1.5	3.0	2.4	• 9								7.5
1.7	4.3	3.5	• 6								10.2
• 5	5.0	4.3	1.5								11.4
1.1	2.4	1.7									5.2
• • • • • • • • •	••••	•••••	• • • • • •	• • • • • •		• • • • •	• • • • • • •	•••••	• • • • • •	•••••	• • • • • •
/////////	/////	//////	//////	//////	///////	//////	///////	///////	///////	////////	4.1
17.6	43.5	23.2	5.3	•6							100.0
		כז	TAL NUM	BER OF	OBSERVA	TIONS	463				
	1-4 1.3 2.4 .6 .6 1.3 1.9 2.2 2.4 1.5 1.7 .6 1.1	1-4 5-9 1.3 2.8 2.4 1.5 .6 3.0 .6 3.5 1.3 4.3 1.9 5.0 2.4 3.0 1.5 3.0 1.7 4.3 .6 5.0 1.1 2.4	1-4 5-9 10-14 1-4 5-9 10-14 1.3 2.8 2.2 2.4 1.5 .4 .6 3.0 .4 .6 3.5 3.9 1.3 4.3 1.9 1.9 5.0 1.7 2.2 6.0 2.2 2.4 3.0 3.0 1.5 3.0 2.4 1.7 4.3 3.5 .6 5.0 4.3 1.1 2.4 1.7	1-4 5-9 10-14 15-19 1-3 2.8 2.2 .2 2.4 1.5 .4 .6 3.0 .4 .2 .6 3.5 3.9 .4 1.3 4.3 1.9 .2 1.9 5.0 1.7 2.2 6.0 2.2 .4 2.4 3.0 3.0 .9 1.5 3.0 2.4 .9 1.7 4.3 3.5 .6 .6 5.0 4.3 1.5 1.1 2.4 1.7	R: 726436 STATION NAME: VOLK FLO LST TO UTC: + 6 WIND 1-4 5-9 10-14 15-19 20-24 1.3 2.8 2.2 .2 2.4 1.5 .4 .6 3.0 .4 .2 .6 3.5 3.9 .4 1.3 4.3 1.9 .2 .2 1.9 5.0 1.7 2.2 6.0 2.2 .4 .2 2.4 3.0 3.0 .9 .2 1.5 3.0 2.4 .9 1.7 4.3 3.5 .6 .6 5.0 4.3 1.5 1.1 2.4 1.7	STATION NAME: VOLK FLD ANGB AI LST TO UTC: + 6 WIND SPEED IN 1-4 5-9 10-14 15-19 20-24 25-29 1.3 2.8 2.2 .2 2.4 1.5 .4 .6 3.0 .4 .2 .6 3.5 3.9 .4 1.3 4.3 1.9 .2 .2 1.9 5.0 1.7 2.2 6.0 2.3 .4 .2 2.4 3.0 3.0 .9 .2 1.5 3.0 2.4 .9 1.7 4.3 3.5 .6 .5 5.0 4.3 1.5 1.1 2.4 1.7	R: 726436 STATION NAME: VOLK FLD ANGB AI LST TO UTC: + 6 WIND SPEED IN KNUTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 1.3 2.8 2.2 .2 2.4 1.5 .4 .6 3.0 .4 .2 .6 3.5 3.9 .4 1.3 4.3 1.9 .2 .2 1.9 5.0 1.7 2.2 6.0 2.2 .4 .2 2.4 3.0 3.0 .9 .2 1.5 3.0 2.4 .9 1.7 4.3 3.5 .6 .5 5.0 4.3 1.5 1.1 2.4 1.7	R: 726436 STATION NAME: VOLK FLD ANGB WI LST TO UTC: + 6 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 1.3 2.8 2.2 .2 2.4 1.5 .4 .6 3.0 .4 .2 .6 3.5 3.9 .4 1.3 4.3 1.9 .2 .2 1.9 5.0 1.7 2.2 6.0 2.2 .4 .2 2.4 3.0 3.0 .9 .2 1.5 3.0 2.4 .9 1.7 4.3 3.5 .6 .6 5.0 4.3 1.5 1.1 2.4 1.7	PERIO STATION NAME: VOLK FLD ANGB AI 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 1.3 2.8 2.2 .2 2.4 1.5 .4 .6 3.0 .4 .2 .6 3.5 3.9 .4 1.3 4.3 1.9 .2 .2 1.9 5.0 1.7 2.2 6.0 2.2 .4 .2 2.4 3.0 3.0 .9 .2 1.5 3.0 2.4 .9 1.7 4.3 3.5 .6 .5 5.0 4.3 1.5 1.1 2.4 1.7	R: 726436	R: 726436 STATION NAME: VOLK FLD ANGB AI PERIOD OF RECORD: STATION NAME: VOLK FLD ANGB AI PERIOD OF RECORD: MIND SPEED IN KNOTS -4

NI A M			F OCCURRENCE HOURLY DES			ECTION VE	RSUS WIN	O SPEE	D		4
AWI	E: VOLK	FLD ANGE			PERIOD OF				8		<u></u>
uTC:	+ 5				MONTH: MAY	HOUR:	5: 15-17		•••••		
4 1			1N KNOTS 29 30-34	35-39	40-49 50-6	4 GE 65	TOTAL %	ME AN WIND	MAIĞƏM Chir		
2		• • • • • • •	• • • • • • • • • •	• • • • • • • •			6.5	7.6	8.0		
4							4.3	4.8	4.0		
4	• 2						4.3	6.9	6.0		
, a	. 4						8.4	8.7	10.0		
, .	. 2	•2					8.0	7.9	7.0		
. 7							8.6	6.9	7.0		
. ?	•4	•2					11.7	7.8	7.0		
, o	• 9	• 2					9.5	8.5	8.5		÷
, 4	• 9						7.8	3.6	5.0		
٠,	•6						10.2	8.3	9.0		
. 3	1.5						11.4	9.7	10.0		
. 7							5.2	7.3	6.5		
	• • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •		
////	//////	(////////	(//////////////////////////////////////	///////	////////////	///////////////////////////////////////	4.1	/////	//////		
• 2	5.3	•6	·				100.0	7.7	3.0		
	L NUMB	ER OF OBSE	ERVATIONS	463							
TOTA		• • • • • • • •	, • • • • • • • • • • • • • • • • • • •	• • • • • • • •	•••••	• • • • • • • • •	• • • • • • •		• • • • • • •		-

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PERCENTAGE FREQUENCY OF OCCUPRENCE SURFACE WIND DIRECTION VE OPERATING LOCATION "A" FROM HOURLY DBSERVATIONS USAFETAC, ASHEVILLE NO STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGS HI PERIOD OF RECORD: MONTH: MAY HOUR LST TO UTC: + 6 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) (N) 350-010 2.6 1.1 • 3 1.8 . 5 020-040 2.1 • 1 050-070 1.9 2.6 . 7 . 1 (E) 080-100 2.0 3.1 110-130 2.3 5.0 1.9 140-160 2.0 4.3 (S) 170-190 1.7 6.2 3.1 . 1 200-220 1.5 2.0 .0 230-250 1.3 3.1 2.1 . 1 (W) 260-280 1.7 3.3 2.3 • 1 290-310 1.9 4.1 • 2 3.7 • 5 320-340 1.7 3.2 • 0 VARIABLE CALM

TOTALS

22.0

42.1

23.5

3.5

• 5

TOTAL NUMBER OF DESERVATIONS 3184

FROM HOURLY DESCRIPTIONS

. 910	: +	6		ANGS 41			MONTH	1: MAY	C09 ก: - HวบR	S: ALL			
ţ		W	IND :	SPEED IN	I KNOTS				GE 65			MEDIAN	
• • • •	• • • •	• • • •	• • • •	• • • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •		GMIK	4140	
.1	• • • • •	3	• • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	5.4	7.0	5.0	
• =	•	1								4.5	5.5	5.0	
. 7		1					-			5.3	5.9	5.3	
. >	•	5								7.7	7.5	a.o	
• •		1	ن .							9,9	5.7	5.0	
.5	•	1								7.4	5.9	7.0	
-:		2	.1							11.4	7.S	3.0	
• >	•	÷	.0							7.3	8.3	3.0	
. 1		4	. 1							7.1	8.5	3.0	
. 3		4	• 1							7.3	7.9	9.0	
. 7	•	5	• 2							10.4	3.5	÷.5	
	•	1	.0							7.1	7.4	7.5	
• • •	• • • •	••••	• • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	•••••		• • • • • •	
111	////	////	////	///////	///////	///////	/////	//////	///////	3.3	1/1111	111111	
1.5	3.	5	• 5							100.0	6.3	7.1	
T]	TAL Y	UMBE	₹ JF	JBSERV	ATIONS	3184	• • • • • •	• • • • • •	• • • • • • • •		• • • • • •		

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UPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS W ROM HOURLY OBSERVATIONS USAFETAC. ASHEVILLE NO STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB AT PERIOD OF RECORD: AUG 73 MONTH: MAY HOURS: ALL LST TO UTC: + 6 CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). ANDIDA VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CFILIN' WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 2.3 5.4 4.5 020-040 5.0 2.7 . 4 050-070 1.9 14.7 4.6 3.1 (5) 080-100 1.9 6.2 13.1 4.5 5.9 110-130 12.4 4.5 - 8 140-160 1.2 2.7 1.2 (S) 170-190 1.5 2.3 230-220 . 3 230-250 . 4 . 4 (W) 250-280 1.5 2.7 . 4 270-310 1.5 2.7 1.5 7.3 320-340 2.7 VARIABLE CALM TOTALS 30.8 42.0 12.0 1.2 100.0 TOTAL NUMBER OF DASERVATIONS 259

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1

CENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DBSERVATIONS

VAME: VOLK FLO ANGR WI TO: + 6	PERIOD OF RECORD: AUG 73 - JUL 68 MONTH: MAY HOURS: ALL
SS THAN 1500 FEET WITH VISIRILITY GE	
• • • • • • • • • • • • • • • • • • • •	***************************************
WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-39	40-49 50-64 GE 65 TOTAL MEAN MEDIAN
• • • • • • • • • • • • • • • • • • • •	OWIN CRIN Y
••••••	8.1 5.6 5.0
• 4	8.5 4.3 4.0
	14.7 5.9 5.)
.4	13.1 6.4 5.5
-	12.4 5.5 5.0
	5.0 6.5 7.0
	4.2 5.7 5.0
	1.2 4.3 4.0
	•" 5.5 5.5
• 4	5.0 9.6 15.0
	5.8 7.1 7.0
	7.3 4.3 4.0
•••••••	•••••
	///////////////////////////////////////
1.2	100.0 5.1 6.3
ITAL NUMBER OF OBSERVATIONS 259	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WERE FROM HOURLY DBSERVATIONS

JJA	IPETAL, ASH	CATECS MC					r KG/1 (1)	JUNE 1 JU	03: (4#11	. 3.43					
STA	ATION NUMBER	R: 725436		ST TO UT	TC: + 6					HTMOM	DD UF RE H: JUN		CORD: AUG 73 HUURS: 04-		
	DIRECTION (DEGREES)	1-4	5 - 9			WIND S 20-24	SPEED IN	N KNOTS				GE 65	ATET K		
(N)	350-010	1.9	1.5	•5		• • • • • • •	•••••	•••••	••••••	•••••	, • • • • •) • • • • • • • •	4.)		
	020-040	2.2	1.4	•1									3.7		
	050-070	1.8	1.8	• 3									3.		
(E)	001-080	4.5	2.7	. 3									7.		
	110-130	5.7	4.5	•9									11.		
	140-160	2.7	3.9	1.0									7.		
(S)	170-130	2.3	3.5	1.3									7.		
	200-220	1 • 5	3.1	٠,	• 3								S.		
	230-250	1.7	5.9	2.1	• 1								a.		
4)	260-230	2.2	3.7	2.4	• 3								a •		
	290-310	2.7	4.4	3.0	•1	.1							1		
	320-340	3.2	2.4	• 3	. 3								•		
•••	VARIABLE	••••					, .			•••••	• • • • • • •	•••••	••••		
	CALM	/////////	/////	7/////	!//////	///////	(//////	1//////	///////	///////	///////	///////	13.		
	TOTALS	32.5	38.9	13.3	1.1	.1							100.		
				τr	TAL NU!	MBER OF	ORSERV/	ATIONS	776						

INTAGE FREQUENCY OF OCCUPRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DBSERVATIONS

MT: VULK FLD ANGS WI : + 5	PERIODÖGF RECORD: MONTH: JUN HOUS	AUC 73 - JUL 8	8	
AINO SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-			MEDIAN CNIW	
	• • • • • • • • • • • • • • • • • • • •	4.0 5.5	5.C	
		3.7 4.4	4.0	
		3.9 4.9	5.0	
		7.6 4.3	4.0	
		11.1 5.1	4.0	
		7.6 5.0	6 . 0	
		7.7 6.9	7.0	
•3		5.9 7.0	5. 0	
•1		9.4 7.4	7.5	
• 3		я.я 7.5	7.0	
.1 .1		10.3 7.2	7.0	
• 3		5.2 5.3	4.7	
	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • •	
///////////////////////////////////////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	13.5 /////	/////	
1.1 .1		100.0 5.3	6.0	
AL NUMBER OF OBSERVATIONS 776				

PERCENTAGE ERFOUENCY OF OCCUPRENCE SURFACE AIND DIRECTION VERSUS OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY DESERVATIONS STATION NAME: VOLK FLD ANGE WI PERIOD OF RECORD: AUG STATION NUMBER: 725435 HOURS: (MUUL:PTMOM LST TO UTC: + 6 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 SE 65 DIRECTION (DEGREES) (N) 350-010 1.9 • 5 020-040 1.9 1.9 050-070 1.5 (F) 090-100 2.0 • B 1.5 10 110-130 3.4 140-160 2.2 . 1 4.4 1.7 (5) 170-190 1.4 4.2 3.2 . 1 . 2 200-220 1.2 4.4 1.9 . 3 230-250 • 2 1.3 4.5 3.3 . 5 (W) 250-230 1.9 4.1 3.2 13 290-310 2.4 4.7 . 5 320-340 2.2 1.3 . 1 VARIABLE CALIF 100 TOTALS 23.4 44.2 23.7

TOTAL NUMBER OF DBSERVATIONS 1137

CENTAGE PREDUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

NAME: VOL	K FLD ANGB WI			D OF RE		AUG 73 S: 09-1	- JUL 3 1	ŝ
	WIND SPEED IN 20-24 25-29		40-49	50-64	GE 65	TOTAL	PASM CUIN	MEDIAN NINO
	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •	•••••	• • • • • • •	• • • • • •	4.3	5.7	5.0
-						4.3	5.3	5.0
						4.3	۶ . 7	5.3
						5.6	5.8	6.0
						10.4	6.1	5.7
•1						8.6	7.0	7.0
•1						8.9	3.1	2.0
• 2						7.7	7.5	7.0
• • 3	• 2					9.5	3.6	٠.٠)
• 5						9.8	8.3	8.0
• 5						12.3	3.4	a.ኅ
• 2	• 1					7.6	5.8	5.0
	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •	•••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •
//// //////	///////////////////////////////////////	///////////////////////////////////////	//////	//////	///////	6.5	//////	/////
2.1	.3					100.0	6.9	7.5
TITAL NUMB!	ER OF OBSERVAT	IONS 1137						

OPERATING LOCATION "A" USAFETAC: ASHEVILLE "IC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS

STATION NUMB	ER: 726436	ĹS	t to ut	C: + 6					MONTH	D OF RE	HOUR	AUS S: 1
DIRECTION (DEGREES)	_	5 - 9	10-14	15-19	WIND 9 20-24	SPEED IN 25-29	KNOTS 30-34	35-39	40-49	50-64	GE 65	ro
(N) 350-010	2.0	2.1	. 3	.1	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	4
020-040	2.3	1.9	. 3	• 2								4
050-070	1.8	2.1	. 7									4
(E) 030-100	1.3	2.3	• 6	• 1								4
110-130	2.3	4.1	1.4	. 3								, 2
140-160	1.0	3.9	2.5	.3								•;
(S) 170-190	2.1	4.3	4.7	• 5								11
230-220	. 9	4.5	2.4	• 6	• 2							:3
233-250	1.3	3.9	3.6	. 7	• 3	. 1						10.
(N) 250-230	1.4	4.4	4.7	.9	.1							11
290-310	1.3	4.9	5.2	• B								12.
320-340	2.3	3.1	2 • 7	٠.3								۴,
VAPTABLE	• • • • • • • • • • •	• • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • •
CALM	////////	/////	//////	//////	//////	1111111	//////	///////	///////	///////	//////	2.
TOTALS	21.3	41.4	29.1	4 • R	.5	•1						100.
			1.3	TAL NUM	SER GF	DBSERVA	ZPCIT	1193				

143F FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

e: 70 + 5	ILK FLO	ANGB #I			MONTH	: JUN		AUG 73 - S: 12-14	· JUL 8	<u> </u>	
-19		SPEED IN 25-29				50-64		LATET	MEAN WIND	NAIGEM GVIW	
1	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	4.5	5.7	5.0	
.2								4.8	5.2	5.0	
								4.6	5.8	6.0	
- 1								4.3	5.4	5.0	
. 3								я.0	5.8	5.0	
• 3								3.6	7.5	7.3	
• "								11.5	3.6	9.0	
• '>	• 2							R • 6	4.5	3.0	
. 7	• 3	. 1						10.3	8.9	0.0	
.,	. 1							11.5	9.1	9.0	
• ⁽²								12.2	9.2	9.0	
								8.4	7.6	7.0	
	•••••			• • • • • • •	• • • • • •	•••••	• • • • • • •		• • • • • •		
11111	//////	////////	///////	///////	//////		///////	2.3	/////	/////	
. . €	.5	.1						100.0	7.7	9.0	
יו אטא	BER GF	DBSERVA	TIONS	1193							

PERCENTAGE FREQUENCY OF OCCUPRENCE SURFACE WIND DIRECTION VERSUS OPERATING LOCATION "A" FRUM HOURLY DESERVATIONS USAFETAC. ASHEVILLE NO STATION NAME: VOLK FLD ANGB AL PERTOD OF RECORD: AUG STATION NUMBER: 726436 MONTH: JUN HOURS: 1 LST TO UTC: + 6 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-27 30-34 35-39 40-49 50-64 GE 65 DIRECTION 1-4 (DEGREES) (N) 350-010 2.1 020-040 1.4 1.6 . 3 3. 050-070 1.7 1.6 .5 3. (E) 980-100 3.1 • 9 1.3 110-130 2.1 4.3 140-160 1.2 4.3 2.2 (5) 170-190 2.5 5.2 200-220 • 3 4.8 . 4 • 1 ۹. 230-250 2.5 4.4 . 3 • 1 10. (A) 260-290 4.7 1.5 3.6 . l 10. 290-310 3.4 5.4 2.1 12. 320-340 7. 2.0 3.3 2.0 VARIABLE CALM TOTALS 21.3 43.7 29.4 100. 2.9 TOTAL NUMBER OF DASERVATIONS 769

FOUNTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

1

MAME:		LD ANG	IN B				O OF RE		s: 15-17		8
15-1	WIN: 9 20-	0 SPEE 24 25			35-39	40-49	50-64		TOTAL	MEAN UUTH	MEDIAN CRIW
	• • • • • •	• • • • •	••••	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	5.9	6.3	6.0
;									3.3	5.3	5.0
									3.3	5.1	5.0
. •									5.3	5.5	6.0
									3.1	6.5	5.5
	t								7 • d	7.3	3.0
• •	<u>;</u>								13.1	7.3	7.0
-		• 1							9.2	8.4	8.0
	3,	. 1							10.5	7.3	b.)
7	•	• 1							10.4	8.7	9.3
,	5								12.4	8.3	10.0
• '	·+								7.5	7.5	5.5
· · · · · · ·	• • • • • •	• • • • •		• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •
///////	/////	/////	11111	111111	//////	///////	//////	///////	3.0	/////	111111
2.	9	. 3							100.0	7.3	7.0
TOTAL N	'43ER '	OF JAS	ERVAT	IONS	769						

c - 4 - 34

DPERATING LOCAL USAFETAC. ASHE			PERCE	NTAGE	FREQUE	10 Y 0F 06				OIRECTIO
STATION NUMBER	: 726436		AN NEITA		LK FLD	ANGS WI			PERIO MONTH	D DE RECOR
•••••	• • • • • • • • •	• • • • •	• • • • • • •	• • • • • •		SPEED IN		• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
	1-4			_	20-24	25-23	30-34			
(DEGREES)								•••••	•••••	• • • • • • • • • •
(N) 350-010	2.0	1.9		.с	• • • • • •		• • • • • •	•••••	•••••	• • • • • • • • •
220-040	2.1	1.9	. 3	•1						
050-070	1.7	1.9	• 5							
(E) 030 -1 00	2.2	2.5	•7	• 0						
110-130	3.2	4.3	1.3	. 1						
140-160	2.0	4.1	2.0	• 2						
(5) 170-190	2.7	4.5	3.5	. 3						
200-220	1.1	4.2	1.9	. 4	. 1					
23)-250	1.7	4.5	3.1	• 4	• 2	. 0				
(W) 260-280	1.7	4.0	3.∃	•5	• 1					
?97-310	2.1	4.5	4.9	• 6	.0					
320-340	2.4	3.2	1.7	. 3	.0					
VARIABLE	••••••	••••	• • • • • • •		• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • • • • •
CALM	////////	/////	///////	//////	//////	///////	//////	//////	///////	/////////
TOTALS	24.1	42.1	24.4	3.0	. 4					
			tot	TAL NUM	BER OF	MASERVA	TIONS	3930		

PERIOD OF RECORDS WIND SPEED FROM HOURLY DRSERVATIONS N NAME: VOLK FLD ANGR WI PERIOD OF RECORDS AUG 73 - JUL 48 TOTCS + 6 MONTH: JUN HOURS: ALL

14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	JATET	MEAN	MEDIAN	
f	•••••	•••••	• • • • • • •	• • • • • •	•••••	*****	• • • • • • •			CAIL	- "פניוע	والمساورة المساورة ال
7.7	.0	•••••	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •		4.5	5.8	5.0	
{ .,	.1								4.1	5.1	5.0	
1.00					*.				4.1	5.5	5.0	
1	.0								5.5	5.7	6.0	
د .	.1								9.4	6.1	6.0	
ر.∤	• 2					•			8.2	7.2	7.7	The second of th
	. 3								10.3	8.0	8.0	
	. 4	.1							7.7	3.0	6.0	
1	.4	• 2	.0						10.0	3.2	A.7	÷
, ,3 .	• 5	•1							10.2	8.5	9.0	
	•6	c.							12.3	8.5	ક.ડ	
. , 7	• 3	.0							7.5	7.0	6.5	
											• • • • • • •	

..4 3.0 .4 190.0 6.9 7.0

TOTAL NUMBER OF OBSERVATIONS 3930

OPERATING LOCUSAFETAC, AS:			PEPC	ENTAGE	FREQU				ICE SURFI		D DIREC	CTION VE	RSUS W
STATION NUMBE	ER: 726436	•	V NCITAT TU OT T]LK FL	D ANGS	s #I				DD DF RE	CORD: HOUR	AUG 73 S: ALL
	• • • • • • • • •	• • • • •	•••••	• • • • • •	• • • • •	• • • • •	• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •
CATEGORY A:	CEILING S	E 530	BUT LES	S THAN		FEET	RITE	+ VISI8	SILITY GE	1/2 M	11LE (08	300 METE	₹\$).
	VISIBILIT			(0800	HETER							_	
**********	• • • • • • • • •	•••••	•••••	• • • • • •				KNOTS		• • • • • •	• • • • • • •	•••••	• • • • • •
DIRECTION	1-4	5-9	10-14						35-39				ATCT
(DEGREES)				•••••		• • • • • •	••••	•••••	•••••	• • • • • •	••••••	• • • • • • •	7
(N) 350-010	3.0		1.1	• • • • • •	••••	•••••	• • • •	•••••	••••••	• • • • • •	• • • • • •	•••••	6.3
020-040	2.5	2.5	. 4										5.5
050-070	3.7	5.4	• 4										10.5
(E) 080-100	5.4	4.5	• 4										11.2
110-130	0 • 4	4.5	.4										11.2
140-150	1.9	1.9	.7										4.0
(S) 170-190	1.5	2.6	1.9										5.0
200-220	1.9	4.1		. 4									5.4
230-250	1.1	2.2	• 4										3.7
(4) 260-280	. 7		1.5										2.2
290-310	1 - 1	5.0	5.2	. 7									13.1
320-340	4.9	4.5	1.1	. 4									10.9
VARIABLE	• • • • • • • •	• • • • •	• • • • • • •	• • • • • •	•••••	• • • • •	••••	•••••	•••••	•••••	• • • • • •	• • • • • • •	• • • • •
CALM	///////	/////	//////	//////	/////	/////	////	111111	///////	/////	///////	//////	∄.5
TOTALS	35.2	41.2	13.5	1.5					**			-	100.0
			T 01	TAL NUM	BER DE	0858	R V'A T	IONS	267				

.

FROM HOURLY DESERVATIONS

NAME: VOLK FLD ANGS WI

LISS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR ILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.	
THE TOUCH ISLENDED OF FEDD THAN SHIFTS FROM LETEZAY WITH CETETING OF SON LEFT!	
WIND SPEED IN KNOTS 14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN	
GPIW CVIN Y	
6.0 5.7 5.9	
5.5 4.9 5.3	
10.5 5.2 5.0	
11.2 4.7 4.0	
11.2 4.7 4.0	
• 7 4.5 5.7 5.5	
5.0 7.4 7.0	
.4 5.4 5.4 6.3	
3.7 5.1 5.5	
2.2 8.3 10.0	
.? .7 13.1 9.0 9.0	
.1 .4 10.9 5.5 5.0	

(//////////////////////////////////////	
1.5	

PERIOD OF RECORD: AUG 73 - JUL 89

C - 4 - 36

TOTAL NUMBER OF OBSERVATIONS 267

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OPERATING LO USAFETAC: AS			PERC	ENTAGE	EREQUE	C PC YOM FROM HI		NCE SURF BSERVATI		3 91KE	CTION V
STATION NUMB	FR: 726436	LS	ST TO UT	TC: + 6	,	IN BONA (MONTH	: JUL	*CPC033 UCH
•••••		• • • • • •	•••••			SPEED IN			J • • • • • • •	•••••	••••
DIRECTION (DEGREES))				20-24	25-29			40-49	50-64	: GE 65
(N) 350-010				• • • • • •	•••••	•••••		. • • • • • • •		•••••	• • • • • • •
029-040	1.3	.4									1
050-070	1.2	• 9									•
(5) 080-100	3.2	2.0									•
110-130	5.5	3.1	• 3								•
140-150	2.5	3.1	• 5								•
(5) 170-190	2.2	4.1	1.1								
200-220	2.4	5.1	• 5								
230-250	2.2	5.4	1.2								
(4) 250-280	2.7	5.0	. 4	. 1							
290-310	5.5	4.6	• 4								
320-340	4.5	2.3	• 3								
VARIABLE	•••••	•••••	• • • • • •		•••••	•••••	•••••	• • • • • • •		•••••	
- CALM	////////	/////	'//////	111111	//////	///////	//////	///////	///////	/////	1111111
TOTALS	37.1	39.3	4.9	. 1							
			1 1	TAL NU	MBER OF	- DBSFRVA	RICITA	739			

€

; (°

FINITAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HIURLY OBSERVATIONS

AME: VOLK FLO ANGB AT C: + 6	MONTH	: JUL		s: 06-0	3	3
WIND SPEED IN KNOTS 15-17 20-24 25-29 30-34 35-39						-
	•••••	• • • • • •	•••••	4.6	5.0	5.0
				2.2	2.9	2.5
				2.2	4.0	4.0
				5.3	4.3	4.0
				3.9	4.5	4.0
				5.2	5.5	5.0
				7.3	6.3	5.0
-				9.1	6.1	6.0
				8∙8	5.3	5.0
. 1				9.3	5.7	5.0
				11.5	4.5	4.0
				7.2	4.4	4.3
•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •
<i></i>	///////	//////	///////	18.5	/////	/////
.1				100.5	4.2	5.0
TAL NUMBER OF OBSERVATIONS 739						

OPERATING LOCATION "A"
USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIFE FROM HOURLY OBSERVATIONS

USAFET	AC, ASHE	VILLE NO					FROM HO	URLY DR	BSEPVATI	LONS				
STATIO	STATION NUMBER: 726435			וט כד ד	rc: + 6		ANGE AT			PERIGO OF REĞORD: AUG 73 MONTH: JUL HOURS: 09-				
	ECTION GREES)	1-4	5 - 9			CHIN	SPEED IN 25-29	KNOTS					TOTA	
(N) 350	0-01C	3.9	2.4	. 4	• • • • • •	•••••		•••••	• • • • • • •	•	• • • • • •	• • • • • • •	6.4	
020	0-040	2.5	1.5										4.1	
050	0-070	1.4	1.2										3.1	
(E) 030	0-100	1.9	2.0	• 2									4.5	
110	0-130	3.1	3.8	• 6	• 1								7.1	
140	0-150	3.1	3.3	1.1									7.	
(S) 170	0-190	1.5	5.0	2.7	• 1								· • •	
200	0-220	2.3	5.4	2.3									11.	
230	D-250	1.4	4.5	2.3	• 3								• 4	
(4) 250	240	2.7	4.7	1.9	• 3								n• 4	
290	0-310	3.1	5.5	2.4	• 3								11.	
320	340	4.4	4.3	• 3									٠,٠	
VAR	IABLE	•••••	• • • • •	• • • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	
CAL	_4	///////	/////	//////	///////	/////	////////	//////	///////	///////	//////	///////	1	
TOT	ALS	31.7	44.4	14.7	1.1								100.	
				TO	TAL NUM	BEP DE	OBSERVA	TIONS	1137					

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SE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

43) 6		Ik dDVA			MONTH	4: JUL		5: 09-11	l		
19	CHIM	SPEED IN 25-29	KNOTS					TOTAL	MEAN CHIN	MEDIAN Griw	
•••	• • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	6.6	4.5	4.0	
								4.1	4.0	4.0	
								3.0	4.1	4.0	
								4.0	5.1	5.0	
. 1								7.6	5 .7	5.0	
								7.7	5.9	6.0	
. 1								9.3	7.5	8.0	
								11.0	5.3	5.0	
.3								۹,4	7.4	7.0	
• 3								ñ.7	6.3	٥.١	
. 3								11.3	6.7	5.0	
								9.5	5.3	5.0	
• • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •		• • • • •	• • • • • •	
////	//////	///////	//////	//////	//////	///////	///////	8.3	/////	/////	
1.1								100.0	5.6	3.)	
чим	BEP OF	OBSERVAT	TONS	1137							
				• • • • • • •							

OPERATING LOCUSAFETAC, ASH	-		PERC	ENTAGE	FREQUE			CE SURF SERVATI		o 31₹60	TION VER	≀ sus
STATION NUMBE	R: 726435		И ИС1ТА ТU СТ Т		LK FLD	ANGB AI			HTMCM	: JUL		5: 12.
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		SPEED IN		• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • •
OIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	יזכז. ג
(N) 350-010	3.5	2.6	.7		•••••	• • • • • • •	•••••	•••••	•••••	•••••		6.
020-040	2.3	1.5										3.
350-070	1.9	. €	• 1									۷.
(F) 030 -1 00	1.5	2.5	• 1									4.
110-130	1.7	3.1	1.0									5.
140-160	1.5	4.7	1.7									7.
(5) 170-190	2.2	5.5	3.2	. 1								11.
200-220	1.7	5.3	4.5	• 3								12.
230-250	1.4	4.0	2.3	. 7								₹.
(w) 260-280	2.4	3.0	1.7	.3								7.
290-310	3.1	5.9	3.0	• 3								12.
320-340	4 • 1	5 • I	1.7	. 1								10.
VARIABLE	• • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • • •	•••••	•••••		• • • • • •	• • • • • • •	••••
CALM	////////	/////	1111111	///////	111111	///////	///////	///////	///////	//////	///////	٠.
TOTALS	27.5	44.6	19.5	1.3								100.
			TO	TAL NUM	BER JF	OBSERVA	SPELL	1146				

FROM HOURLY OBSERVATIONS

19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MAIGSM GMIW	
• • •	* * * * * *	• • • • • • •	•••••	•••••	•••••	•••••		6.9	5.1	4.0	
								3.8	4.3	4.0	
								2.3	4.)	4.0	
								4.2	5.4	5.0	
								5.7	6.3	6.0	
								7.7	7, 1	7.0	
1								11.1	7.5	4.0	
3								12.4	9.3	0.8	
7								8.4	3.2	6.0	
								7.3	5.9	5.3	
ś								12.2	7.1	7.0	
. 1								10.6	5.9	5.0	

3

100.5 6.3 6.0

100.0 6.5

WIMBER OF DOSERVATIONS 1146

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OPERATING LOCATION WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU USAFFTAC, ASHEVILLE NO FROM HOURLY DESERVATIONS PERIOD OF RECORD: AUC STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB WI LST TO UTC: + 6 MONTH: JUL HOURS: WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 3.7 3.5 . 4 020-040 2.1 . 7 050-070 1.5 1.3 (E) 080-100 1.9 1.5 . 1 110-130 1.5 3.8 1.9 140-160 4.8 • 9 2.9 (S) 170-190 . 9 9.1 200-220 1.5 5.2 2.3 230-250 1.0 5.1 2.3 . 3 (4) 250-290 2.5 4.7 1.3 • 3 290-310 2.2 5.0 2.1 320-340 3.2 4.3 1.2 VARIABLE CALM 24.0 51.5 13.9 10 TOTAL NUMBER OF OBSERVATIONS 592

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ANGB wI				AUG 73 - S: 15-17	JÜL 8	
SPEED IN KNOTS 25-29 30-34	35-39 40-4	9 50-64	GE 65	JAȚCT %	ME AN CNIL	MAICHM CHIM
• • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • •	•••••	7.6	4.9	5.0
				2.8	3.9	3.0
				2.5	4.6	4.0
				3.5	4.5	4.0
				5.9	6.1	6.0
				7 • °;	5.2	5.0
				12.9	7.6	4.0
				10.0	7.5	વ. ૧
				ક્ષું≉	7.7	7.0
				9.9	5.5	6.0
				10.3	5.9	7.0
				9.2	5.0	0.0
'//////////////////////////////////////	///////////////////////////////////////	/////////	///////	9.3	/////	(/////
				100.0	5.4	5.0
OBSERVATIONS	592					
	SPEED IN KNOTS 25-29 30-34	MON SPEED IN KNOIS 25-29 30-34 35-39 40-4	MONTH: JUL SPEED IN KNOTS 25-29 30-34 35-39 40-49 50-64	MONTH: JUL HOUR SPEED IN KNOTS 25-29 30-34 35-39 40-49 50-64 GE 65	MONTH: JUL HOURS: 15-17 SPEED IN KNOTS 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL 7.6 2.8 2.6 3.5 5.9 7.5 12.9 10.0 8.3 9.9 10.3 9.2	MONTH: JUL HUURS: 19-17 SPEED IN KNOTS 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN V AIND 7.6 4.9 2.8 3.9 2.9 4.6 3.5 4.5 5.9 6.1 7.5 6.2 12.9 7.6 10.0 7.5 8.4 7.7 9.9 5.6 10.3 5.9 2.7 5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSI DPERATING LOCATION "A" USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NAME: VOLK FLD ANGS AT STATION NUMBER: 726436 PERIOD OF RECORD: AU LST TO UTC: + 6 MONTH: JUL HOURS: WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) (N) 350-010 3.4 2.5 020-040 2.2 1.1 050-070 1.5 1.1 .0 (E) 090-100 2.1 2.1 2.9 110-130 3.4 • 5 ن . 140-160 2.2 4.1 1.1 (S) 170-190 1.7 5.5 2.6 1 200-220 2.0 5 · 1 2.5 . 1 230-250 4.6 2.1 . 4 (W) 260-280 2.5 4.0 1.4 . 2 290-310 5.6 • 2 2.1 320-340 VARIABLE CALM TOTALS 44.8 13.9 10 1.0 TOTAL NUMBER OF DASSERVATIONS 3704

TAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DRISERVATIONS

WEND SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-	39 40-49 50	-64 GE 65	TOTAL	MEAN	MEDIAN	
	••••••	• • • • • • • • • • •	******	ผู้ให้อ	CRIK	
• • • • • • • • • • • • • • • • • • • •	••••••	• • • • • • • • • • •	6.5	4.9	4.0	
			3.4	4.0	4.0	
			2.7	4 • 1	4.0	
			4.2	4.7	5.0	
ŧvi			6.9	5.6	5.9	
			7.5	0.3	5.0	
•1			10.1	7.4	۹.9	
•1			10.9	7.4	7.0	
• 4			8.6	7.5	7.3	
• 5			9.3	6.6	5.0	
• .?			11.4	6.5	6.3	
• 6			9.3	5.5	5.0	
	•••••	• • • • • • • • • • • • •	• • • • • •	• • • • •	•••••	
	///////////////////////////////////////	///////////////////////////////////////	10.2	/////	/////	
1.0			190.0	5.6	5.0	

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OPERATING LO			PERCE	ENTAGE	FREQUE	NCY 0F 0 FROM HO				D DIREC	TION V	ERSUS
STATION NUMB	FR: 726436		ער מכוז אוט מד		OLK FLD	ANGR WI				D OF RE		AUG RS: A
*********	••••••	• • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • •
CATEGORY A:	CEILING GE	200 3	UT LESS	NAHT 2 HG/QNA		FEET AIT	H VISIB	ILITY G	E 1/2 4	ILE (08	OO MET	ERS).
	VISIBILITY	_	-		_							
DIRECTION	1-4	5-9	13-14	15-19	WIND 20-24	SPEED IN 25-29	KNOTS 30-34	35-39	40-49			
(DEGREES)	• • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	•••••	•••••	• • • • •
(N) 350-010		4.9	1.0		• • • • • •	• • • • • • • •	•••••	• • • • • •	•••••	•••••	•••••	12
020-040	2.9	1.0										-
050-070	2.9	2.9										;
(E) 080-100	4.9	5.9	• 5									12
110-130	5.0	3.3	2.0	• 5								1.1
140-160	1.5	2.0										;
(5) 170-170	2.0	1.5	1.0									4
200-220	2.9	2.0										4
239-250	1.5	1.0										2
(4) 260-280	2.7	2.5										4
290-310	4.4	4 . 4	• 5									• 4
320-340	1.5	3.4										4
VARIABLE	• • • • • • • • • •	•••••	• • • • • •	• • • • • •	•••••	• • • • • • •	•••••	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • •
CALM	////////	//////	//////	//////	/////	///////	//////	//////	//////	//////	/////	/ 14
TOTALS	38.9	41.3	5.7	.5								100
			TOT	TAL NUM	BER OF	UBSERVA	RICLT	204				

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PARCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

TO UTC: .+ 6	PERIOD OF RECORD: AUG 73 - JUL 88 MONTH: JUL HOURS: ALL
T LESS THAN 1500 FEET WITH VISIBILITY GE AND/OR WILE (0900 METERS) BUT LESS THAN 3 MILES	
WIND SPEED IN KNOTS -14 15-19 20-24 25-29 30-34 35-39 4	0-49 50-64 GE 65 TOTAL MEAN MEDIAN
	ONIN CHIM &
1.0	12.3 4.9 4.0
	2.9 3.1 3.0
	5.9 4.1 4.5
•6	12.3 5.4 5.0
•7 •5	17.2 5.3 (.0
	3.4 4.4 5.0
1.)	4.4 5.9 5.0
	4.9 4.5 4.)
	2.5 4.0 4.0
	4.4 5.1 4.0
.5	9.3 5.2 5.7
	4.9 5.3 5.5
	•••••••••••••••••••••••••••••••••••••••
	///////////////////////////////////////
··" •5	100.0 4.4 7 5.0
TOTAL NUMBER OF UBSERVATIONS 204	
	•••••

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS OPERATING LOCATION MAM FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO STATION NAME: VOLK FLD ANGB WI PERIOD OF RECORD: TAUS 7 STATION NUMBER: 726436 HOURS: 06 QUA :HTMCM LST TO UTC: + 6 WIND SPEED IN KNOTS 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION TOT (DEGREES) (N) 350-010 2. . 1 1.6 1.3 . 1 • 1 1. 020-040 050-070 З. 2.1 (E) 080-100 2.3 1.9 • 1 110-130 4.1 • 6 140-160 3.0 1.2 (S) 170-190 3.2 4.1 1.4 • 3 200-220 2.5 1.0 2.5 230-250 2.9 ٤. . 3 (4) 260-230 3.0 2.8 290-310 4.7 320-340 2.7 VARIABLE CALM TOTALS 31.1 100.

TOTAL NUMBER OF OBSERVATIONS

FROM HOURLY OBSERVATIONS

IN NAM		LK FLL) ANGB W			HTHEM	: AUG		S: 06-0	3	77	
•	5 - 19		SPEED IN 25-29					GE 65	TOTAL	MEAN CMIW	di i i	
. 1	• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	2.5	4.4	4.0	
. 1									1.6	3.5	2.5	
									3.0	3.7	3.0	
. 1									4.9	4.3	4.0	
• **									9.2	5.2	5.0	
• •									8.7	5.2	4.0	
• ••	• 3								9.1	6.3	4.0	
									5.0	5.8	6.0	
	. 3								7.2	5.9	5.0	
• '									6.7	5.5	5.1	
•									प .4	5. ₫	6.0	
. 4									5.0	5.4	5.0	
	••••	• • • • •	•••••	•••••	• • • • • •	• • • • • •	•••••	•••••	• • • • • • •		• • • • • •	
7////	/////	/////	////////	///////	//////	//////	///////	///////	27.7	111111	111111	
• •	• 5								100.0	3.9	5.0	
Τ)ΤΔ	L NUM	BER OF	OBSERVA	ATIONS	773							

OPERATING LOCATION WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS 5 USAFETAC. ASHEVILLE NO FROM HOURLY DBSEPVATIONS STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB WI PERIOD OF RECORD: AUG 7: LST TO UTC: + 6 HDURS: 69-MONTH: AUG WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 66 65 1-4 1.12 (DEGREES) (N) 350-010 • 3 3.0 1.2 1.5 020-040 2.3 2.0 . 1 4.7 050-070 2.7 1.0 (E) 090-100 3.3 1.5 . 3 110-130 4.0 3.4 • 5 140-150 3.3 4.3 • 2 . 1 (S) 170-190 3.3 8.4 2.3 . 2 200-220 5.3 230-250 3.9 · Q (4) 260-230 2.5 4.5 1.3 290-310 5.0 2.2 • 3 . 1 320-340 3.6 1.3 7.7 VARIABLE CALM 9.7 TOTALS 32.6 45.7 11.3 100.0

TOTAL NUMBER OF DESERVATIONS 1197

143E FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

FRUM MOURLY USS	FAABITHAD							
	HTMOM	: AUG	HOUR	S: 09-11	l	8		
SPEED IN KNOTS				TOTAL		MAIGBM CVIM		
• • • • • • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • •	•••••	3.0	5.4	5.0		
				4.3	4.4	4.0		
				3.7	3.6	4.0		
				5.2	4.4	4.0		
				8.3	5.6	5.0		
				9.2	5.3	5.0		
				14.5	6.9	7.0		
				9.3	6.3	5.0		
				7.9	5.9	« . ن		
				4.4	6.5	6.9		
				8.9	7.2	7.0		
				7.7	5.9	5.0		
• • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • •		• • • • • • •				
///////////////////////////////////////	///////////////////////////////////////	//////	///////	9.7	/////	111111		
				100.0	5.4	5.3		
JRSERVATIONS 1	197			•••••		• • • • • •		
•	ANGR WI SPEED IN KNOTS 25-29 30-34	MONTH SPEED IN KNOTS 25-29 30-34 35-39 40-49	ANGR #I PERIOD OF REMONTH: AUG SPEED IN KNOTS 25-29 30-34 35-39 40-49 50-64	ANGS #1 PERIOD OF RECORD: MONTH: AUG HOUR SPEED IN KNOTS 25-29 30-34 35-39 40-49 50-64 GE 65	ANGA WI PERIOD OF RECORD: AUG 73-MONTH: AUG HOURS: 09-11 SPEED IN KNOTS 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL 3.0 4.3 3.7 5.2 8.3 9.2 14.5 9.3 7.9 4.4	ANGS WI PERIOD OF RECORDS AUG 73 - JUL 8 MONTH: AUG HOURS: 09-11 SPEED IN KNOTS 25-29 30-34 35-37 40-49 50-64 GE 65 TOTAL MEAN WIND 3.0 5.4 4.3 4.4 3.7 3.6 5.2 4.4 8.3 5.6 9.2 6.0 14.5 6.9 9.3 6.3 7.9 5.9 4.4 6.5 8.7 7.2 7.7 5.9	ANGR #I PERIOD OF RECORD: AUG 73 - JUL 89 MONTH: AUG HOURS: 09-11 SPEED IN KNOTS 25-29 30-34 35-39 40-49 50-54 GE 65 TOTAL MEAN MEDIAN MIND 3.0 5.4 5.0 4.3 4.4 4.0 3.7 3.6 4.0 5.2 4.4 4.0 8.3 5.6 5.0 9.2 6.3 5.0 14.5 6.9 7.0 9.3 6.3 6.0 7.9 5.9 5.0 8.4 6.5 6.9 7.7 5.9 6.0	ANGS #1 PERIOD OF RECORD: AUG 73 - JUL 89 SPEED IN KNDTS 25-29 30-34 35-37 40-49 50-64 GE 65 TOTAL MEAN MEDIAN MIND 3.0 5.4 5.0 4.3 4.4 4.0 3.7 3.8 4.0 5.2 4.4 4.0 8.3 5.6 5.0 9.2 6.0 5.0 14.5 6.9 7.0 9.3 6.3 6.0 7.9 5.9 5.0 4.4 6.5 6.9 8.7 7.2 7.0 7.7 5.9 6.0

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OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS AT

FETAC. ASH	EVILLE 110					EBOW HU	URLY OF	BSERVATI	1042			
ITTON NUMBER	₹: 726435		זני כז זו	rc: + 6					MONTH	H: AUG	HOUH	AUG 73 PS: 12-1
DIRECTION (DEGREES)	1-4	5-9			GMIW	SPEED IN	LKNOTS					
	1.4	2.0	.3	•••••	• • • • • •	• • • • • • • •	•••••	•••••	, • • • • • •	* • • • • • •	• • • • • •	3.7
												3.4
			• `									2.0
			2									
	1.5	2.5										4.4
110-130	3.3	3.5	1.0	- 1								**•
140-150	2.3	5.4	2.1									10.7
170-190	1.0	3.4	3.9	. 3								1
200-220	1.9	5.5	2.1									4
230-250	1 + 3	4.7	2.3									:
250-250	1.3	4.9	2.7		. 1							ž . *.
290-310	2.3	5.1	2.7	.1								14.1
320-340	2.7	4.5	1 • *	. 2								1.4
VAPIABLE	,	, .	•••••	•••••	, 	• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •
CALM	////////	/////	1111111	//////	1/////	'////////	111111	///////	///////	//////	//////	/ - 5.5
TOTALS	24.7	49.1	19.5	.7	• 1							100.
			7.7	JTAL NUL	48ER DF	- DBSERVA	CVE LTA	1193				
	DIRECTION (DEGREES) 350-010 020-040 050-070 110-130 140-150 170-190 200-220 230-250 290-310 320-340 VARIABLE	(DEGREES) 350-010 1.4 020-040 2.5 050-070 1.5) 280-100 1.6 110-130 3.3 140-150 2.8) 170-190 1.8 200-220 1.9 230-250 1.8 290-310 2.3 320-340 2.0	DIRECTION 1-4 5-9 (DEGREES) 350-010 1.4 2.0 020-040 2.5 1.0 050-070 1.5 1.4 2.5 110-130 3.3 3.6 140-150 2.4 5.4 200-220 1.9 5.5 230-250 1.3 4.7 260-250 1.3 4.7 290-310 2.3 5.1 320-340 2.0 4.5 VARIABLE CALM ////////////////////////////////////	DIRECTION 1-4 5-9 10-14 (DEGREES) 350-010 1.4 2.0 .3 020-040 2.5 1.0 .4 050-070 1.5 1.4 090-100 1.6 2.5 .3 110-130 3.3 3.6 1.0 140-150 2.4 5.4 2.1 140-150 1.6 3.4 3.9 200-220 1.9 5.5 2.1 230-250 1.3 4.7 2.3 250-250 1.3 4.7 2.3 2.7 290-310 2.3 5.1 2.7 320-340 2.0 4.5 1.4 047 2.4	ATION NUMBER: 726436 STATION NAME: VOLST TO UTC: + 6 DIRECTION 1-4 5-9 10-14 15-19 (DEGREES) 350-010 1.4 2.0 .3 020-040 2.5 1.0 .4 050-070 1.5 1.4) 990-100 1.6 2.5 .3 110-130 3.3 3.6 1.0 .1 140-150 2.4 5.4 2.1 170-190 1.6 3.4 3.9 .3 200-220 1.9 5.5 2.1 230-250 1.3 4.7 2.3 250-250 1.3 4.7 2.3 240-310 2.3 5.1 2.7 .1 320-340 2.0 4.5 1.4 .2 VARIABLE CALM ////////////////////////////////////	ATION NUMBER: 726436 STATION NAME: VOLK FLD UST TO UTC: + 6 WIND OIRECTION (OEGREES) 1-4 5-9 10-14 15-19 20-24 O20-040 2.5 1.0 .4 O50-070 1.5 1.4 O20-100 1.6 2.5 .3 110-130 3.3 3.6 1.0 .1 140-150 2.8 5.4 2.1 O170-190 1.8 3.4 3.9 .3 200-220 1.9 5.5 2.1 230-250 1.3 4.7 2.3 O20-310 2.3 5.1 2.7 .1 320-340 2.0 4.5 1.4 .2 VARIABLE CALM ////////////////////////////////////	ATTON NUMBER: 726435 STATION NAME: VOLK FLD ANGB AI LST TO UTC: + 6 DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 (DEGREES) 350-010 1.4 2.0 .3 020-040 2.5 1.0 .4 050-070 1.5 1.4 0 290-100 1.6 2.5 .3 110-130 3.3 3.6 1.0 .1 140-150 2.4 5.4 2.1 0 170-190 1.6 3.4 3.9 .3 200-220 1.9 5.5 2.1 230-250 1.3 4.7 2.3 0 260-290 1.3 4.9 2.7 .1 320-310 2.3 5.1 2.7 .1 320-340 2.0 4.5 1.4 .2 VARIABLE CALM ////////////////////////////////////	ATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB AI LST TO UTC: + 6 MIND SPEED IN KNOTS OTRECTION (DEGREES) 350-010 1-4 2.0 350-010 1.4 2.0 360-070 1.5 1.4 2.5 38 110-130 3.3 3.6 1.0 140-150 2.4 5.4 2.1 170-190 1.6 3.4 3.9 3.0 200-220 1.9 5.5 2.1 230-250 1.3 4.7 2.3 24.7 47.1 19.6 7 11 70TALS 24.7 47.1 19.6 7 11	ATTON NUMBER: 726436	ATION NUMBER: 726436	ATION NUMBER: 726435 STATION NAME: VOLK FLD ANGB ALL PERIOD OF RESTRICTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 (NEGREES) 350-010 1.4 2.0 .3 020-040 2.5 1.0 .4 050-070 1.5 1.4 140-150 2.4 5.4 2.1 170-190 1.6 3.4 3.9 .3 200-220 1.9 5.5 2.1 230-250 1.3 4.7 2.3 240-340 2.7 .1 320-340 2.7 .1 320-340 2.7 .1 320-340 2.7 .1	ATION NUMBER: 726435

CNTAGE ERFOUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

			• • • • • • •					PEED IN		•••••
 MEDIAN WIND	MEAN	TOTAL %	GE 65	50-64	40-49	35-39	30-34	25-29	20-24	15-19
5.0	5.3	3.7		• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••
4.0	4.6	3.9								
 4.0	4.3	2.9								
5.0	5.5	4.4								
5.0	5.7	8.0								• 1
 6.0	5.8	10.2					•			
7.0	7.5	14.5								• 3
7.9	6.9	9.5								
7.0	7.2	H.5								
7.)	7.5	9.6							• 1	
7.0	7.3	10.1								. 1
7.3	7.0	3.6								• 2
• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		•••••		• • • • • •	• • • • •
/////	/////	5.5	//////	//////	//////	(//////	///////	////////	/////	/////
6.0	5.4	190.3							• 1	. 7

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C - 4 - 45

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERS OPERATING LOCATION "A" HISAFETAC: ASHEVILLE NO FROM HOURLY DASERVATIONS PERIOD OF RECORD: AUC STATION NUMBER: 726436 STATION NAME: VOLK FLO ANGR WI LST TO UTC: + 6 DUA :HTMCM H0U3S: WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) (N) 350-010 2.5 1.9 . 7 . 9 2.5 . 3 020-040 050-070 2.5 • 3 (E) 080-100 2.0 2.5 3.3 3.5 • *) 110-130 2.3 5.4 1.0 140-150 (5) 170-190 2.) 7.1 . 1 3.5 200-220 1.5 5.7 2.0 230-250 2.0 2.0 4.3 ۷.۵ (4) 250-283 . 1 1.4 3.5 . 1 . 1 3.0 2.5 290-310 2.5 327-343 2.5 5.4 1.0 VARIABLE CALM 45.0 10 TOTALS 17.5 . 2 • 1

TITAL NUMBER OF BRSERVATIONS 590

I FIGH HOURLY ORSERVATIONS WIND DIRECTION VERSUS WIND SPEED

1 ,		IC OF KE	ORD: A Hour!	NUG 73 -		d
•	WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-39 40-49	50-64	GE 65	TOTAL %	MA⊇M GMIN	MEDIAN CMIK
• 7	<u> </u>	• • • • • •		5.1	5.7	5.0
,				3.6	4.2	4.0
				2.8	3.1	3.0
				4.9	5.5	5.5
	į			٩.0	5.1	5.7
ر	j			10.0	5.5	5.0
	.1			13.6	7.5	7.1
				10.3	7.3	۹. ٦
				9.4	7.1	7.)
	i .1 .1			3.3	н.1	3.7
	•1			8.3	7.1	7.3
				원 - 리	5.3	(، ر:
٠٠,	······································	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
/	·	//////	///////	9.0	111111	111111
	.> .1 .1			100.0	5.0	5.3
•	THE NUMBER OF BRISERVATIONS 690					
••;	· · · · · · · · · · · · · · · · · · ·	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU

USAFETAC. ASI	HEVILLE NO				F	ROM HO	URLY DE	SERVATI				
STATION NUMBE		LS	r ro ur						HTIPCH	1: AUG	ECORD: HOUR	es:
DIRECTION	1-4	5-9	10-14	15-19	WIND SP 20-24	EED IN 25-29	KNDTS 30-34	35-39	40-49	50-64	GE 65	Ţ
(DEGREES)												
(N) 350-010			.3	• • • • • • •	•••••	• • • • •	• • • • • •	• • • • • • •		• • • • • •		•••
020-040	2.2	1.1	• 2									
050 - 070	2.2	1.0										
(E) 080-100	2.5	2.1	. 3									
110-130	3.5	3.3	• a	• 0								
140-160	3.3	4.7	1.5	. 1	• i)							
(S) 170-190	2.3	7.3	3.0	• 2		• U						1
200-220	2.2	5.0	1.5									
230-250	?.4	4.1	1.5	. 1								,
(A) 250-280	2.2	4.2	1.9	• 0	• 1							i
290-310	2.4	4.6	1.9	• 1	• 0							ç
320-340	2.3	4.)	1.2	• 1								7
VARIABLE	• • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • •	•••••		• • • • • •	• • • • • •	• • • • • •	• • • •
CALM	////////	/////	//////	////////	1111111	/////	//////	///////	/////	//////	///////	11
TOTALS	29.7	43.5	16.2	• 5	• 1							100

FORMAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

1			EXON HU	OVEL 30	SEVINIT	0.43						
UTC	: + 6		IK EDNA			MONTH	1: AUG	CORD: HOUR	S: ALL		8	
1		CVIW	PEED IN	KNOTS				GE 65			MEDIAN	
•									*2	CNIM	WIND	
ļ	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	•••••	• • • • • • •	••••	3.5	5.3	5.0	
									3.5	4.4	4.0	
									3.1	3.3	4.0° =	
į •									4.9	4.9	4.0	
	• 0								6.3	5.5	5.0	
	• 1	(; _•							9.5	5.2	4.0	
[• 2		• 0						13.3	7.2	7.0	
į									5.9	5.7	7.0	
	. 1								8.1	5.5	5.0	
	. 5	. 1							8.4	7.0	ر . 7	
	• 1	• 0							9.1		7.0	
, `	• 1										5.3	
1												
111	/////	//////	///////	///////	//////	//////	(///////	///////	11.7	/////	//////	
	. 5	• 1							100.7	5.5	5.0	
7: 1	AL NUM	958 DE	OBSERVA	TIONS	3853							

C = 4 = 47

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OPERATING LO			PERC	ENTAGE	FREQU				CE SURF SERVATI		O DIREC	TION V	CKSUS H
STATION NUMB	ER: 726435		N NCITAT	-	OLK FL	D ANGE	H [_	10 JF RE		AUG 73
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •		•••••	-	• • • • •	• • • • •	••••		• • • • • • •	• • • • • •	• • • • • • •		
CATEGORY A:	CEILING GE	200	9JT LFS	S THAN		FEET	4IT	4 VISI8	ILITY G	E 1/2 V	TLE (08	00 MET	E25).
	VISIBILITY												
	1-4		10-14	15-19	WIND 20-2	SPEE0	1 IN	KNOTS 30-34	35-39	40-49			
(DEGREES)	• • • • • • • • • •	• • • • •	•••••	• • • • • •	• • • • • •	• • • • •	• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	· · · · · · · · · · · · · · · · · · ·
	1.3			• • • • • •	• • • • •	• • • • •	• • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	2.3
020-040	3.5	2.5	1.3										7.3
050-070	5.9	3.5											9.3
(E) 030-100	6.3	7.3	• 5										14.5
110-130	4.5	11.0	1.3										1 , ,
140-150	5.3	3.3	. 3										9.=
(S) 170-190	1.4	3.0	$C \bullet I$	•5									5.1
200-220	1.3	1.3											3.7
230-250		1.0	. 3	. 3									1.4
(4) 250-230	1.3	1.0	• 5		•	3							3.0
290 -31 0	1.5	2.3	• '3										5.
329-340	2.3	3.3	ć.										5.0
VARIABLE	• • • • • • • • • •	• • • • •	• • • • • •	• • • • • •		• • • • •	• • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • •	• • • • • •
CALM	/////////	/////	//////	//////	/////	/////	////	//////	1/////	//////	///////	/////	/ 12.5
THTALS	33.7	40.3	7.3	• 8	•	3							100.0

TOTAL NUMBER OF OBSERVATIONS 399

PROM HOURLY OBSERVATIONS

		IC:		LK FL	D ANG	IW E				PERIO MONTH				AUG RS: 4		- JUL	43	
į	• • • •	• • • •	• • • •	• • • • •	• • • • •	• • • •	• • • • •	• • • • •	• • • •	• • • • • •	• • • •	• • • •	••••	• • • • •	• • • •	• • • • •	•••	• • • • •
1	LF S		14 N 1 DZOR	1500	FEET	ALT:	4 VISI	BILIT	Y GE	1/2 4	ILE	(080	O MET	ERS).	•			
ŀ	TL			METER:	S) BU	T LES	SS THA	N 3 M	ILES	(4900	MET	rers)	MITH	CETL	_ I #G	GE 20)) F	EET.
	• • • •	• • • •	• • • • •	-			KNOTS		• • • •		• • • •	• • • •	• • • • •	••••	• • • •	• • • • •	•••	-
	-14	15.	-19	20-24	4 25	-29	30-34	35-1	39 • • • •	40-43	50-	• 5 4	SE 65	TO	3TAL	MEAS	1 4:	VAIGE
١															ų	WIN)	GF IN
	• ;	• • • •	• • • •	• • • • •	• • • • •	• • • •	• • • • •	• • • • •	• • • •	• • • • • •	• • • •	• • • •	••••	â	2.3	5.4	•	4.3
														7	7 . 3	5.	•	o. o
	•													C	3.3	4.1		4.0
1	•													14	֥5	5 • 1	•	5.n
	٠ ،													18	3.0	5.5	,	5.0
,	.,													ç	9∙3	4.5	1	4.0
	:		• 5											÷	5.3	7.2	?	5.)
1														3	3.)	4.3	1	4.9
1	• 3		. 3											1	1.5	9.3	Ļ	7.5
	•			• 3	3									-	3.0	7.2	!	5.0
1	•													c	i)	5 . 8	•	5.)
	• /														· 0	5.4	•	5.1
	. • • •	• • • •	• • • •	••••	• • • • •	••••	• • • • •	• • • • •	• • • •	• • • • • •	• • • •	••••	• • • • •	• • • • •	• • • •	• • • • •	• • •	• • • • •
	1111	////	////	/////	/////	////	/////	/////	////	/////	////	////	/////	/ 13	٤. ٤	////	///	////
	7.1		• A	• 3	3									100	0.5	4.7	,	5.0
1	7 (1)	TAL	ប្រមាធ	ES JE	7438	RVAT	CONS	399								•		
	• • • •	••••	• • • •	••••	• • • • •	• • • •	• • • • •	• • • • •	• • • •	• • • • • •	• • • •	••••	• • • • •	• • • • •	• • • •	• • • • •	• • • •	

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS BROWN HOURLY OBSERVATIONS

USAFFTAC, ASH	EVILLE NO					ғарм но	URLY DE	BSERVATI	, ans			
STATION NUMBE	₹: 726435	LS	דע מז זז	rc: + 6					MONTH	H: SEP		S: 35
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	414D 20+24	SPEED IN 25-29	90-34	; . 35 -3 9	40-49		GE 65	TOT K
(N) 350-010	1.2	• 5		• • • • • •	· • • • • •	•••••		•••••	, • • • • • • •) • • • • • • •	• • • • • • •	1.
020-040	1 • 2	. 5										1.
050-070	.9	.8										1.
(E) 030-100	2.8	1.5	• 9									٠, •
110-130	3.7	5.1	• 5									9.
140-150	2.3	4.2	• 5	• 2								7.
(5) 173-190	2.2	3.1	1.1									5.
200-220	1.9	3.6	• 4,	. 5								6.
230-250	2.0	2.6	i • 1									5.
(4) 260-280	3.7	4.7	•9	• 2								9.
290-310	3.9	6.7	د' •									11.
320-340	3.4	3.7	• 3									7.
A45143FE	• • • • • • • • • •		•••••	• • • • • •	, 	• • • • • • •	•••••			• • • • • • •		• • • • •
CALM	/////////	/////	///////	7/////	//////	'////////	//////	///////	//////	///////	///////	24.
TOTALS	29.7	37.1	7.4	• 9								100.
			†)	ITAL NUT	ABER OF	BSERVA	CPC113	642				

STAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

4=: V6	ikk FLO	ANGS WI			MONTH	# SEP	HOUR	AUG 73 -		ı g	
(n=17)	-	SPEED IN 25-29				50-64		TOTAL	MEAN CNIW	MEDIAN WIND	
	• • • • • •	• • • • • • •	•••••	•••••	• • • • • •	• • • • • •	• • • • • • •	1.9	4.7	4.0	
]								1.7	3.1	2.0	
ì								1.7	4.9	4.0	
								5.3	5.3	4.0	
Ì								9.5	5.4	5.0	
∫ .:								7.3	5.9	5.0	
1								5.4	5.1	5.9	
T .:								6.5	7.0	5.5	
ì								5.5	5.1	5.)	
								9.5	5.7	5.J	
								11.2	5.5	5.0	
								7.9	5.4	5.0	
 {	•••••	••••••	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	
11111	//////	///////	//////	1111111	//////	///////	///////	24.0	/////	111111	
1								100.0	4 • 3	5.0	
∳an aum	BEK OF	JBSFRVA	TIBUS	542							

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OPERATING LOCATION WAW USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS : FROM HOURLY DBSERVATIONS

(N) 350-010	USAFETAC. ASH	HEATTIE NO					FRUM HU	JUKET JE	B 2F KVATI	10.42			
MIND SPEED IN KNTS 1-4 5-9 10-14 15-19 20-24 25-24 30-34 30-39 40-49 50-64 GE 65 To Georges 1 1 1 1 1 1 1 1 1	STATION NUMBE	R: 726436	LS	ST TO UT	TC: + 6					HONT-	4: SEP	หกบจ	
(N) 350-010		1-4				GPIW	SPEED IN	N KNOTS	;				TUFF
050-970	(N) 350-010	1.9	1.3	. 4 • • • • •	•••••		•••••	, • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	4.1
(E) 080-100 1.7 2.9 .7 110-130 2.9 5.0 1.5 .1 110-150 1.6 4.3 1.3 1.3 1.6 5.7 2.3 .1 200-220 1.9 5.5 2.0 .2 .1 .1 12 230-250 1.5 3.9 1.2 .1 .1 12 240-310 1.6 7.5 4.3 .3 1.3 1.3 1.3 1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	020-040	1.3	• H	. 1									2
110-130	950 -97 0	• ಕ	. 4	. 3									2.
140-150	(E) 030 - 100	1.7	2.9	.7									5.4
(S) 170-190	110-130	2.9	5.0	1.6	. 1).·
200-220 1.9 5.5 2.7 .2 .1 .1 .1 .230-250 1.6 3.9 1.2 .1 .1 .1 .1	14)+150	1.6	4.3	1.3									7
230-250	(S) 170-130	1.5	5.7	2.3	• 1								9.7
(4) 260-230	200-220	1.9	5.5	2.0	. 2	• 1	.1						10.
290-310 1.6 7.5 4.3 .3 1 320-340 2.5 5.3 2.5 .3 1 VARIABLE CALM ////////////////////////////////////	230-250	1.5	3.9	1.2	• 1	• 1							7.
320-340 2.5 5.3 2.5 .3 1 VARIABLE CALM ////////////////////////////////////	(A) 260-230	2.5	3.9	2.2	• 1	• 1							.s . %
VARIABLE CALM ////////////////////////////////////	290-310	1.6	7.5	4.3	د .								13.1
CALM ////////////////////////////////////	320-340	2.5	5.3	2.5	. 3								11.
TOTALS 22.4 49.5 19.0 1.2 .3 .1	VARIABLE		, .			• • • • • • •	•••••	•••••	•••••	•••••	• • • • • •	• • • • • • •	••••
	CALY	/////////	/////	'///////	1/////	//////	1111111	//////	//////	//////	//////	1//////	7.1
TOTAL NUMBER OF DASERVATIONS 948	TOTALS	22.4	49.5	19.0	1.2	. 3	• 1						100.
				T.C	STAL NU	MBER DE	JASERVI	ATIBAS	933				

FREDUENCY OF OCCURRENCE SURFACE AINO DIRECTION VERSUS WIND SPEED FRUM HOURLY OBSERVATIONS

VILK F	LO ANG	e al) OF RE	: เดาหมา เมื่อ	AUG 73 S: 09-1		ਰ
	D SPEE			35-39	40-49	50-64	GE 65	TUTAL	MEAN WEAN	MEDIAN CNIW
	• • • • • •	• • • •	• • • • • •	•••••	•••••	• • • • • •	•••••	4.1	5.0	5.0
ł								2.1	4.3	4.3
								2.3	5.5	5.3
								5.4	5.7	6.3
. 1								9.5	5.2	6.7
								7.2	5.7	6.3
-:								9.7	7.5	7.0
• •	• 1	• i						10.5	7.4	7.7
• i	. 1							7.0	7.1	1.5
. 1	• 1							3 . 9	7.1	7.3
• >								13.7	7.3	3.3
. خ								11.7	7.1	1.3
	• • • • • •	• • • •		• • • • • •	•••••	• • • • • •	• • • • • • •		• • • • • •	•••••
/2/ /////	1/////	////	,,,,,,,	111111	///////	//////	///////	7.1	/////	111111
1.2	. 3	• 1						100.0	5.4	7.0
सम्बद्ध	JF JAS	ERVAT	1045	933						

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OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO

REPUBLICATION VERSUS ADMANUS SURPROPER PERFUNCTION VERSUS A FROM HOLLAND ROLLAND ROLLA

STATION NUMBER:	725435	-	N MCITAT TU GT TO		LK FLO	IN EDMA			HTMOM	OD OF KE P: SEP	HOUR	RS: 12
DIRECTION (DEGREES)	1-4	5 -9	10-14	15-19		SPEED IN 25-29					\$E 65	T 1T
(N) 350-010	1.9	2.2	.7	.1	•••••	, 	•••••	• • • • • • •	•••••		· • • • • • •	4.
020-040	1.3	1.2	. 3									ż.
050-070	1.3	. 3	. 1									2.
E) 080-100	1.5	2.0	• 5									٠,
110-130	1.3	3.9	1.2									· C
140-160	1.5	3.3	1.5	.3								1
S) 170-190	1.1	5.3	4.3	• 2								11
200-220	2.2	4.4	3 • °,	. 3								15
230-250	• 3	4.9	2.5	. 4	• 3							,
W) 260+230	1.7	3.3	3.3	• 4	• 1							,
290-310	2.7	7.5	5.4	• ⁸								ln
32 0-3 40	2.7	4.4	2.5	• 5								12
VARIARLS	• • • • • • • •		•••••		• • • • • •	•••••	. • • • • • •	••••••	, .			••••
CALM	//////	/////	///////	'//////	111111	////////	//////	///////	1111111	///////	///////	, 1
TOTALS	3) b	45 7	25.3	3.1	. 4							1.30

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1435 FREDUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

#IND SPEED IN KNOTS THIR 20-24 25-29 30-34 35-39 40-49	50-64 GE 65	TOTAL	MAAM CNIH	MEDIAN GNIK
-1	• • • • • • • • • • • • • • •	4.9	5.8	۶.٥
		2.8	5.1	5.0
		2.1	4.6	4.)
		4.1	4.9	5.0
		5.4	5.8	5.)
. 1		7.1	7.,	7.7
•?		11.9	4.3	a. ∿
. 3		10.4	3 • J	4.0
.9		7.1	4.5	4.3
1		9.3	2.1	1.0
• *		10.5	2.0	* • 1
• *		17.9	1.4	3.0
	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	///////////////////////////////////////	3.3	/////	111111
3.1 .4		100.0	7.3	

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PRRCENTAGE EREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN DPERATING LOCATION "A" FROM HOURLY DASERIATIONS USAFETAC, ASHEVILLE NO STATION NUMBER: 725435 STATION NAME: VOLK FLD ANGE WI PERIOD OF RECORD: AUG 73 -MONTH: SEP HOURS: 15-17 LST TO UTC: + 6 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL DISFCLION (DEGREES) (N) 350-010 1.3 •5 •2 3. 1 1.7 020-040 1.1 . 2 1.3 050-070 1.1 1.3 2.4 (E) GRO-100 . 7 1.1 ٠٠, ?... 2.4 110-130 1.5 1.7 5. 140-150 3.9 1.5 7.1 1. • ? (5) 170-130 1.1 2.4 5.5 10.0 200-220 10.4 2.5 5.0 1.3 ⊇30**−**250 9.4 11. 2.4 (4) 250-250 3.2 4.3 3.7 • ? 11. . 290-313 3.7 7.1 1 ~ .) 320-343 1.5 3.0 3.5 10.0 MARIABLE CALM

TOTAL NUMBER OF GREENATIONS 453

THITALS

22.0 44.0 23.6 1.5

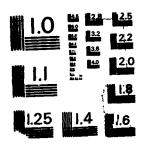
5 - 4 - 5

100.0

THIS PREDUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED.
FROM HIGHEY DBS: HVATIONS

1 4 1 1130 12 1 1 1 1						
: / TUK FLO ANDE WI + 5	MONTH	: 550	CORD: A ROURS	: 15-1/		
WIND SPEED IN KWITS -14 20-24 25-27 30-34 35-30						wablan
	• • • • • •	• • • • • •	•••••	3.9	7.1	7.9
•				1.3	3.2	4 • 0
				2.4	5.3	5.0
				2.5	5.3	0.3
				5.5	7.2	7.0
				7.1	7.4	7.0
•**				10.4	7.3	3.0
• •				10.4	6.5	5.0
•				11.2	7.2	÷ رو
•				11.4	7.3	a,n
•				15.0	7.6	۵.)
•				19.2	7.7	9.)
		. .	<i>.</i>			
///////////////////////////////////////	///////	///////	///////			
1.9				100.0	ა.7	7.)
E HUMBER DE DISERVATIONS 453	• • • • • • •			• • • • • • •	• • • • • •	• • • • • • •

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STATION NUMBER	726435	sř	ATION N	AME: VO	LK FLO	ANGB	AI			PERTO	D OF R	CORD):
		LS	זט פז ד	C: + 6						MONTH			10UR
DIRECTION	1-4	5 - 9		15-19	MIND	SPEED	IN	KNDTS 30-34	35-39	40-49	50-64	GE	65
(DEGREES)	• • • • • • •	• • • • •	•••••	*****			• • •	• • • • • • •	•••••	•••••	•••••	• • • • •	
(N) 350-010	1.7	1.6	.5	.1	•••••	••••	•••	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • •) • • •
020-040	1.4	. 8	.1										
050-070	1.0	.9	.1										
(E) 080-100	1.7	2.1	.7										
110-130	2.5	4.3	1.3	• 0									
140-160	1.8	4.0	1.3	• 2	٠			-				– . –	
(S) 170-190	1.6	5.3	2.7	• 2									
200-220	2 • 1	5.1	2.1	• 3	• 0		. ა						
230-250	1.6	4.2	2.0	• 2	. 1								
(4) 260-280	2.6	4.1	2.5	•2	• 1								
290-310	2.8	7.3	3.9	. 4									
320-340	2.6	5.1	2.4	• 3						= .			
VARIABLE	• • • • • • • •	• • • • •	•••••	•••••	• • • • •	••••	•••	• • • • • •	•••••	•••••	•••••	• • • •	
CALM	////////	/////	//////	//////	/////	////	///	//////	///////	///////	//////	////	1111
TOTALS	23.4	44.8	19.6	1.9	• 2								
			ŤĴ	ITAL NUM	BER OF	JBSE	⊰VΔ	ZNCIT	3091				

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				D DIREC	TION VE	RSUS WIN	O SPEE	D		
FLO ANGB	AI						JUL 8	3		
IND SPEED 0-24 25-	IN KNOTS 29 30-34	35-39			GE 65	TOTAL	MEAN			
	••••••		*****	• • • • • •		*	WIND	WIND		· · · · · · · · · · · · · · · · · · ·
• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •	••••		• • • • • • •	•••••	3.9	5.6	5.0		
						2.3	4.4	4.0		
	,					2.0	5.1	5.0		
						4.5	5.9	6.0		,
						8.1	6.3	6.0		
						7.3	6.8	6.3		
						9.8	7.7	ರ•0		
•0	•o	•				9.7	7.4	7.0		
•1	<u>-</u>					8.1	7.5	7.0		
•1						9.5	7.2	7.5		
						14.4	7.5	8.0		
						10.4	7.0	7.0		
• • • • • • • •	• • • • • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •			
	///////////////////////////////////////		,,,,,,	,,,,,,,	1111111	9.8	//////			
	· · · · · · · · · · · · · · · · · · ·									
.2						100.0	6.3	7.0		
	FROM FLO ANGB IND SPEED 0-24 25-	FROM HOURLY DB FLO ANGB #I IND SPEED IN KNOTS 0-24 25-29 30-34	FROM HOURLY OBSERVATION FLO ANGB WI IND SPEED IN KNOTS 0-24 25-29 30-34 35-39	FROM HOURLY OBSERVATIONS FLO ANGB AI PERIO MONTH IND SPEED IN KNOTS 0-24 25-29 30-34 35-39 40-49 .0 .0	FROM HOURLY OBSERVATIONS FLO ANGB AI PERIOD OF RE MONTH: SEP IND SPEED IN KNOTS 0-24 25-29 30-34 35-39 40-49 50-64	FROM HOURLY OBSERVATIONS FLO ANGB AI PERIOD OF RECORD: MONTH: SEP HOUR IND SPEED IN KNOTS 0-24 25-29 30-34 35-39 40-49 50-64 GE 65 .0 .0 .1	FROM HOURLY OBSERVATIONS FLO ANGB #1 PERIOD OF RECORD: AUG 73 - MONTH: SEP HOURS: ALL IND SPEED IN KNOTS 0-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL *** *** *** *** *** *** ***	FROM HOURLY OBSERVATIONS FLO ANGB #1 PERIOD OF RECORD: AUG 73 - JUL 8 MONTH: SEP HOURS: ALL IND SPEED IN KNOTS 0-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN **WIND 3.9 5.6 2.3 4.4 2.0 5.1 4.5 5.9 8.1 6.3 7.3 6.5 9.6 7.7 .0 .0 .0 9.7 7.4 .1 9.5 7.2 14.4 7.5	FLO ANGB #I PERIOD OF RECORD: AUG 73 - JUL 89 MONTH: SEP HOURS: ALL IND SPEED IN KNOTS 0-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN *** WIND WIND 3.9 5.6 5.0 2.3 4.4 4.0 2.0 5.1 5.0 4.5 5.9 6.0 8.1 6.3 6.0 7.3 6.8 6.0 9.8 7.7 8.0 .1 9.5 7.2 7.0 14.4 7.5 8.0	FROM HOURLY OBSERVATIONS FLO ANGB #I PERIOD OF RECORD: AUG 73 - JUL 88 MONTH: SEP HOURS: ALL IND SPEED IN KNOTS 0-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN *** WIND WIND 3.9 5.6 5.0 2.3 4.4 4.0 2.0 5.1 5.0 4.5 5.9 6.0 8.1 6.3 6.0 7.3 6.8 6.0 9.6 7.7 8.0 .0 .0 9.7 7.4 7.0 .1 8.1 7.5 7.0 .1 9.5 7.2 7.0 14.4 7.5 8.0

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OPERATING LOCUSAFETAC. ASS			PERCE	ENTAGE	FREQUE	NCY OF O				DIREC	V NOIT	ERSUS
		عاد ا										
STATION NUMB	ER: 726435		ATION NA T TO UT		LK FLO	ANG8 #I			PERIO:	OF RE		AUG 7 RS: AL
•••••	• • • • • • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
CATEGORY A:	CEILING GE	200 E	BUT LES	S THAN AND/OR	1500	FEET WIT	H VISIB	ILITY G	E 1/2 M	(08	00 MET	ERS).
	VISIBILITY) BUT LE) WITH	CEILI
• • • • • • • • • • • • • • • • • • • •					WIND	SPEED IN	KNOTS				•••••	• • • • • •
DIRECTION	1-4	5 - 9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	101
(DEGREES)					-	4.00						*
(N) 350-010	3.7	2.5	• 2	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	6.
020-040	3.2	2.2										5•
050-070	12	3.0	.7									5.
(E) 080-100	3.7	7.2	2.5									13.
110-130	3.5	3.2	1.5									13.
140-150	3.0	4.5	• 5	. 2								
(S) 170-190	1.2	1.5	• 5									3.
200-220	1.0	• 5	• 5									2.
230-250	• 2	1.2	• 2									1.
(W) 260-280	2.0	2.7	•2	• 2								5.
290-310	4.0	9.9	3.7	• 5								18.
320-340	3.2	6.2	1.2				4.118					10.
VARIABLE	• • • • • • • •	• • • • •		• • • • • •	•••••	•••••	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	•••••
CALM	////////	/////	//////	//////	/////	////////	//////	//////	//////	///////	/////	/ 7.
TOTALS	29.9	49.6	11.7	.9			*			<u></u>		- 100.

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TOTAL NUMBER OF OBSERVATIONS 403

	FROM HOURLY OBSE							~
VOLK I	FLD ANGS HI	PERIOD MONTH:	OF RECORD: SEP HOU	AUG 73 - RS: ALL	· JUL 8	3		

/JR	O FEET WITH VISIBIL				65 366			
	ERS) BUT LESS THAN 3	MILES (4300	WELEKZ) MILH	CETTING	GE 200	PEE1.		
	ND SPEED IN KNOTS -24 25-29 30-34 3	5-39 40-49	50-64 GE 65	TOTAL	MEAN	MEDIAN		
• • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • • •	*	DNIW	WIND		
• • • • •	• • • • • • • • • • • • • • • • • • • •	•••••		6.5	4.5	4.0		
				5.5	4.3	4.0		· · · · · · · · · · · · · · · · · · ·
				5.0	6.2	6.0		
	· · · · · · · · · · · · · · · · · · ·			13.4	6.5	5.0		
				13.2	6.4	6.0		
2				8.2	5.8	5.0	ē	- -
_				3.2	6.7	9.0		alaum militria. A minima armamilithi, sanamin
				2.0	7.1	5.5		m
				1.7	6.9	7.0		//
2		· - · · · · · · · · · · · · · · · · · ·		5.2	5.8	5.0	-	
5				18.1	7.1	7.0		
-				10.7	6.1	5.0		
				1011				
••••	• • • • • • • • • • • • • • • • • • • •			• • • • • • • •	•••••	• • • • • •		
/////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	777777777777	7.4	111117	111111	-	
9				100.0	5.7	5.0		
	OF OBSERVATIONS 4	03						

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	RATING LOCA FETAC, ASHE			PERC	ENTAGE	FREQUE	CY OF O				DIREC	TION VERS
STA	TION NUMBER	: 726435		T TO UT	C: + 6	÷	ANGB WI			PERIO MONTH		CORD: AL
•••	DIRECTION (DEGREES)	1-4	5-9			WIND !	SPEED IN 25-29	KNOTS	35-39	40-49	50-64	GE 65
(N)	350-010	.9	.5	•••••	•••••		• • • • • • •	•••••	•••••	• • • • • •	• • • • • •	
	020-040	1.2	.5									
	050-070	1.5	1.2									_
(E)	080-100	2.5	2.2	• 5								
	110-130	3.9	3.9	.8								
	140-160	2.7	2.3	• 5								
(S)	170-190	1.2	3.2	2.2	•3							
	200-220	1.2	3.0	1.2	•5							
	230-250	1.5	4.5	1.3	.3							
(4)	260-230	3.5	3.7	2.0	.3							
	290-310	5.0	5.7	3.5	. 7							
	320-340	1.7	2.7	. 7	•2							
•••	VARIABLE	• • • • • • • •	••••	• • • • • •	•••••	• • • • • •	• • • • • • •	•••••	•••••		• • • • • •	••••••
	CALM	/////////	/////	//////	//////	/////	///////	//////	//////	///////	//////	///////
	TOTALS	26.7	33.4	12.7	2.3							1

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CEN	ITAGE	FREQUENCY OF O	CCURRENCE S URLY DBSERV		D DIREC	TION VE	RSUS WIN	ID SPEE	D	
	1E: VO	LK FLD ANGB HI			D OF RE		AUG 73 - S: 06-08		ıa	
• • •	• • • • •	WIND SPEED IN	KNOTS	• • • • • • • • •	• • • • • •		• • • • • • •	• • • • •	• • • • • •	
1	5-19	20-24 25-29	30-34 35-	39 40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN WIND	
• • •	• • • • •		• • • • • • • • •	••••••	• • • • • •	•••••	1.3	4.5	4.0	
							1.7	3.8	3.5	
							2.7	3.8	4.0	
		Aug 1988 - a de la RESE du de pellé humanel d' la benen, a 1 décenses					5.2	4.9	5.0	 ·
							8.5	5.5	5.0	
·							5.5	5.6	5.0	
	• 3			- 1, p			6.9	7.9	8.0	
	•5						5.9	7.7	5.0	
	. 3						7.7	6.3	6.0	
	. 3				,-		9.5	6.5	6.0	
	. 7						14.9	6.8	7.0	
	• 2						5.2	6.4	6.0	
···	2.3	//////////////////////////////////////	////////////	///////////	///////	//////	25.0 100.0	////// 4.9		
		BER OF OBSERVA	TIONS 597							
• • •	• • • • •	occupation of the second	-	• • • • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	•••••	
					n en francis de la companya de la c	· , ,				
				- -						
			C - 4 -	55						
		to the transfer of the second								
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USAFETAC, ASH			PERC	ENTAGE	FREQUE			NCE SURF BSERVATI		U DIREC	TION	VERSU:
 STATION NUMBER	726436		N NCITAT		ILK FLD	ANGB H	<u> </u>			D OF RE		AUG URS:
• • • • • • • • • • • • •	• • • • • • • •				WIND !	SPEED II	N KNOTS				••••	•••••
 DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 6	5 T
(N) 350-010	2.0	1.9	.8		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	•••••	•••••	4
020-040	. 7	2.0										2
 050-070		1.4	•1			-				. -	-	2
(E) 080-100	2.1	3.4	• 4									5
110-130	2.0	6.5	1.8	.3								10
140-160	1.9	3.8	1.1			•						. 6
(S) 170-190	1.7	3.6	3.0	.3	.1							ij
200-220	1.3	3.1	2.1	•6	.1							7
230-250	• 5	3.7	2.0	• 6	.1							ŧ
(W) 260-280	1.5	4.8	2.6	. 7	•1							,
290-310	3.0	5.8	4.1	1.0	• 2							14
320-340	2.7	3.9	4.1	• 8								11
VARIABLE	• • • • • • • •	• • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • •	****
CALM	///////	/////	///////	///////	//////	//////	//////	///////	//////	//////	/////	//
TOTALS	20.2	43.9	22.1	4.3	.6							100
			TO	ITAL NUM	BER OF	DBSERV	SNOITA	967				

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	NTACE 6	- OF AUENCY	OF OCCURRENCE SU	IGEACE STAR	niperti	N VEDELL	C LITM	 In Spee	 O	•	
(L E	NIAGE F	FRI FRI	OM HOURLY OBSERVE	TIONS	DIKECTIC	JN VEKSU	2 414	iu jirec	<u>v</u>		
	4E: VOL	K FLD AN	GB WI	PERIOD MONTH:	OCT	RD: AUG HOURS:	09-11		8	,	_
••	15-19	WIND SPE	ED IN KNOTS 5-29 30-34 35-3	39 40-49			DTAL		MEDIAN WIND		.
• •	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •			• • • • • • •	4.7	5.9	5.0		
							2.7	5.5	6.0		_
							2.3	5.7	6.0		
							5.9	5.8	6.0		
	.3					1	0.5	6.9	6.5		
							6.8	6.4	6.0		
	.3	•1					8.7	8.3	8.0		
	• 6	. 1					7.2	8.4	9.0		
	• 5	• 1					6.9	8.7	3.0		
	.7	.1		- '			9.7	8.4	3.0		
	1.0	• 2				1	4.2	8.2	8.0		
	• 9					1	1.6	8.1	9.0		
	•••••	• • • • • • •		•••••		• • • • • • •	• • • • •	•••••			
				• • • • • • • • • • • • •							
			///////////////////////////////////////								
	4.3	•6				10	0.0	5.9	7.0		
	AL NUMB	ER OF OB	SÉRVATIONS 957			• • • • • • •	• • • • •	• • • • • •		-	
	• • • • • •										
	•••••				····					· · · · · · · · · · · · · · · · · · ·	
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1 191	•••••										

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERS WAW NCITADOL BRITARAGO FROM HOURLY DBSERVATIONS USAFETAC. ASHEVILLE NO STATION NAME: VOLK FLD ANGB WI PERIOD OF RECORD: AU STATION NUMBER: 726436 MONTH: OCT LST TO UTC: + 6 WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) • 2 (N) 350-010 1.5 1.3 • 6 020-040 1.1 1.5 . 2 050-070 1.5 .3 (E) 080-100 . 3 •9 110-130 1.9 2.2 . 1 140-160 1.0 2.7 (S) 170-190 . 9 5.3 3.0 • 2 200-220 3.3 1.7 3.3 • 3 . 2 230-250 1.2 3.7 2.9 . 7 (H) 260-280 1.7 5.0 3.3 1.1 290-310 6.0 2.0 1.5 320-340 • 2 VARIABLE CALM TOTALS 43.8 TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS HIND SPEED TROM HOURLY OBSERVATIONS DIN NAME: YOLK FLO ANGO HI PERIOD OF RECORD: AUG 73 - JUL 88 O UTC: +6 MONTH: OCT HOURS: 12-14											***********		
FROM HOURLY DESERVATIONS ON NAME: VOICE FLO ANGS NI PERIOD OF RECORD: AUG 73 - JUL 88 30 UTC: +6													 ····
MINN SPEED IN KNOTS	PERCENTA	GE FRE	QUENC'	Y OF 00	CURREN	ICE SUR	FACE WIT	NO DIRE	CTION VE	RSUS WI	ND SPEE	D	
MIND SPEED IN KNOTS 14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL HEAN MEDIAN X WIND WIND .6 .2 3.7 6.6 6.0 .2 2.9 5.4 5.5 .3 3.1 5.3 4.5 .9 5.1 7.0 7.0 .0 .2 9.4 8.1 8.0 .9 .7 6.5 3.9 8.7 8.0 .9 .7 6.5 3.9 8.7 8.0 .9 .7 6.5 3.9 8.0 .1 1.5 15.7 9.1 9.0 .4 .7 .2 11.1 8.5 5.0 TOTAL NUMBER OF OBSERVATIONS 980			FLD A	NGB WI			MONT	H: OCT	หมนห			8	
3.7 6.6 6.0 2.9 5.4 5.5 3.1 5.3 4.5 5.1 7.0 7.0 7.0 7.3 8.0 7.0 7.3 8.0 9.4 8.1 8.0 9.9 7 5.5 3.6 8.0 1.1 1.5 15.7 9.1 9.0 1.4 4.8 4 100.0 7.8 8.0	14 15-	HI 19 20	ND SP	EED IN 25-29	KNOTS	••••				TOTAL	MEAN WIND		
2.9 5.4 5.5 3.1 5.3 **.5 .9 5.1 7.0 7.0 .2 .1 9.6 7.3 7.0 .7 7.0 7.3 2.0 .0 .2 9.4 8.1 8.0 .3 .3 .2 9.8 3.7 8.0 .9 .7 5.5 3.6 8.0 .1 1.5 11.6 8.8 9.0 .1 1.5 15.7 9.1 9.0 .4 .7 .2 11.1 8.5 8.0	•6	.2	••••								• • • • • •	•••••	
5.1 7.0 7.0 21 9.6 7.3 7.0 7.0 7.3 8.0 .0 .2 9.4 8.1 8.0 .3 .3 .2 9.8 8.7 8.0 .9 .7 6.5 9.6 8.0 .1 1.5 15.7 9.1 9.0 .4 .7 .2 11.1 8.5 5.0 TOTAL NUMBER OF OBSERVATIONS 980											5.4	5.5	
9.6 7.3 7.0 7.0 7.3 6.0 9.4 8.1 8.0 9.8 8.7 8.0 9.7 6.5 9.6 8.8 9.0 11.6 8.8 9.0 11.1 1.5 15.7 9.1 9.0 4 .7 .2 11.1 8.5 6.0	.3									3.1	5.3	4.5	
7.0 7.3 6.0 0 .2 9.4 8.1 8.0 3 .3 .2 9.8 8.7 8.0 9 .7 6.5 9.6 6.0 11.6 8.8 9.0 11.1 1.5 15.7 9.1 9.0 4 .7 .2 11.1 8.5 6.0 7.0 7.3 6.0 100.0 7.8 8.5 TOTAL NUMBER OF OBSERVATIONS 980	. 7									5.1	7.0	7.0	
9.4 8.1 8.0 3 .3 .2 9.8 8.7 8.0 9 .7 6.5 3.6 8.0 11.6 8.8 9.0 11.1 1.5 15.7 9.1 9.0 4 .7 .2 11.1 8.5 5.0 TOTAL NUMBER OF OBSERVATIONS 980	• 2	-1							* *	8.6	7.3	7.0	=
9.8 9.7 8.0 9.7 6.5 9.6 8.0 11.6 8.8 9.0 11.5 15.7 9.1 9.0 11.1 8.5 6.0 11.1 8.5 8.0 11.1 8.5 8.0	• 7								-	7.0	7.3	8.0	
9 .7	• 0	• 2								9.4	8.1	8.0	
11.6 8.8 9.0 1 1.5 15.7 9.1 9.0 1 1.1 8.5 b.0 11.1 8.5 b.0 11.1 8.5 b.0 11.1 8.5 b.0 11.1 8.5 b.0	• 3	. 3	. 2							9.8	8.7	8.0	
15.7 9.1 9.0 .4 .7 .2 11.1 8.5 5.0 ///////////////////////////////////	. 9	. 7								6.5	3.5	8.0	
.4 .7 .2 11.1 8.5 6.0 ///////////////////////////////////	. 3 1	. 1								11.6	8.8	8.0	
//////////////////////////////////////	.1 1	• 5								15.7	9.1	9.0	
.4 4.8 .4 100.0 7.8 8.0 TOTAL NUMBER OF OBSERVATIONS 980	•4	• 7	•2							11.1	8.5	8.0	
.4 4.8 .4 100.0 7.8 8.5 TOTAL NUMBER OF OBSERVATIONS 980	•••••	• • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	•••••	
TOTAL NUMBER OF OBSERVATIONS 980	//////	/////	/////	/////	//////	//////	//////	//////	///////	4.6	/////	//////	
TOTAL NOMBER OF ORSERVATIONS AND	.4 4	•B	.4							100.0	7.8	8.0	
	TOTAL	NUMBER	OF 0	BSERVA	TONS	980		• • • • • •					

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OPERATING LOCA			PERC	ENTAGE	FREQUE	O AC YOU				O DIREC	TION VE	RSUS WIT	ND S
STATION NUMBER		LS	t to ut	C: + 6		ANGB AT			HONTH	i: OCT	HOUR	S: 15-1	7
DIRECTION (DEGREES)	1-4			15-19	WIND 20-24	SPEED IN 25-29	KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL	
(N) 350-010	2.3	2.3	•••••			•••••	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	5.7	• • • • 5
020-040	. 7	• 5	•2									1.4	5
050-070	1.4	2.1	• 2									3.6	5
(E) 080-100	• 9	4.1	•2									5.2	6
110-130	1.6	5.0	2.3									8.9	7
140-160	1.6	3.0	3.2	•5								8+2	3
(S) 170-190	2.3	5.0	3.2									10.5	7
200-220	.7	2.7	2.3									5.7	7
230-250	1.8	3.2	2.1	. 7			÷					7.7	7
(H) 260-280	2.5	7.3	3.0	• 5								13.2	7
290-310	3.0	6.2	5.9	•9	• 2							15.2	
320-340	1.1	4.6	3.2	• 2								9.1	
VARIABL'.	•••••	• • • • •	•••••	•••••	•••••	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	••••
CALM	/////////	'////	//////	///////	//////	///////	//////	//////	//////	//////	''''	4.6	///
TOTALS	19.9	46.0	26.7	3.0	• 2							105.0	7
			10	ITAL NUM	18ER OF	OBSERVA	TIONS	439					

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والمعاصفة المارات المستقلمين المعورة ليواوي والمروسوة والإرادي والمراودة الراوان والراوان والمراوية

K FLO ANGB AT	PERIOD OF MONTH: OCT		AUG 73 - S: 15-17		8	
WIND SPEED IN KNOTS 20-24 25-29 30-34 35-3	9 40-49 50-6	4 GE 65	TOTAL	MEAN WIND	MEDIÁN WIND	
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • •	5.7	6.1	6.0	
			1.4	5.5	5.0	
			3.6	5.3	6.0	- · · · · · · · · · · · · · · · · · · ·
			5.2	6.5	7.0	V
			8.9	7.5	7.0	
		±	8.2	9.3	8.5	
			10.5	7.4	8.0	
			5.7	7.7	8.0	
			7.7	7.3	6.5	
			13.2	7.9	8.0	
• 2			16.2	8.6	9.0	
			9.1	8.3	8.0	
•••••••		• • • • • • • •	• • • • • • •	• • • • •	• • • • • •	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		4.6	/////	111177	
•2			100.0	7.3	3.0	
ER OF OBSERVATIONS 439						

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PERCENTAGE FREQUENCY OF OCCUPRENCE SURFACE WIND DIRECTION VERSUS OPERATING LOCATION "A" FROM HOURLY OBSERVATIONS USAFFTAC. ASHEVILLE NO PERIOD OF RECORD: AUG STATION NAME: VOLK FLD ANGE AT STATION NUMBER: 726436 MONTH: OCT LST TO UTC: + 6 HOURS: AI WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGRÉES) (N) 350-010 . 1 2 020-040 .9 1.3 . 1 050-070 1.2 1.4 . 2 (E) 080-100 1.6 3.3 ٠Ó 110-130 2.3 5.0 1.8 . 1 140-150 1.7 3.3 (5) 170-190 • 0 200-220 1.3 230-250 3.9 • 0 1.1 2.1 10 (4) 260-230 5.0 2.9 . 7 .0 2.1 290-310 5.9 4.9 . 1 15 3.1 320-340 1.9 4.2 3.1 VARIABLE CALM TOTALS 20.2 42.1 23.2 3.9 .3 100 TOTAL NUMBER OF OBSERVATIONS 2983

		FROM HOURLY DES					
NA	ME: VOLK	FLO ANGE WI	PERIOD OF REMONTH: OCT	CORD: AUG 73 - HOURS: ALL	JUL 0		
		IND SPEED IN KNOTS 0-24 25-29 30-34	35-39 40-49 50-64	GE 65 TOTAL	MEAN	MEDIAN	
• •	•••••			¥	WIND	MINO	
• •	.1			3.8	6.0	6.0	
	• 1			2.3	5.2	5.0	
		, <u>-</u> ,, <u>-</u> ,,-	and the second s	2.8	5.1	5.0	
				5.4	6.1	5.0	
				9.3	6.9	7.0	
	• 1		and the second s	6. B	7.1	7 . ŏ	
	•1			3.8	3.0	4.0	
	• 2	.0		7.2	6.3	3.0	
	• 4	•1		7.7	3.2	8.0	
	•5	• 0				8.0	
:	.7	• 0		10.8	8.1		
į	1.1	.1		15.1	5.3	3. 0	
1	• 6	•1		- 9.g	9.1	8.0	
			••••••	• • • • • • • • • • • • • • • • • • • •			
,,	11111111			/////// 10.0	/////	//////	
•				100.0			

c - 4 - 59

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OPERATING LO USAFETAC, AS			PERC	ENTAGE	FREQUE			NCE SURF BSERVATI		DIRECT	ION VERSU
STATION NUMB		L S	דני סד ד	C: + 6					MONTH:	OCT	ORD: AUG HOURS:
••••••											
CATEGORY A:	CEILING	GE 200	BUT LES	NAHT 2 PC/dna		EET AI	TH VISI	BILITY	E 1/2 MI	LE (08)	O METERS)
			/2 MILE			BUTL	ESS THA	N 3 MILE	S (4800	METERSI	WITH CEIL
21222120					WIND S	-	N KNOTS		40-40	E0-44	CF 45 T
DIRECTION	_							35-39	40-49	50-64	GE 65 T(
(DEGREES)											•••••
(N) 350-010	• •	1.1									:
020-040	1.1	6.									1
050-070	1.3	1.6	. 3								. 3
(E) 080-100	2.4	7.8	2.7								17
110-130	5.2	14.5	3.5								24
140-160	3.5	5.6	• 8								c
(S) 170-190	1.9	7.8	1.9								11
200-220	.3	• 5									
230 -2 50	• 3	1.1									1
(W) 260-290	. 3	3.5	1.6								4
290-310				1.9							14
	•8			••/							4
320 340	• •	3.6	• •								•
VARIABLE	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	•••••
CALM	//////	//////	//////	//////	//////	//////	///////	///////	///////////////////////////////////////	///////	///// 6
TOTALS	23.9	52.6	15.7	1.9	-				-		100
			ניז	TAL NUM	BER OF	OBSERV	ZATIONS	373			

C - 4 - 60 / / /

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AGE FREQUE	NCY OF OCCUR FROM HOURLY			DIRECTI	ON VERSUS	HIN	ID SPEE	0	
: VOLK FLO	ANGE HI		PERIOD MONTH:		RD: AUG Hours: A		JUL 8	18	
	EET WITH VI	SIBILITY GE	1/2 MIL	E (0800	METERS).				
DZDR 1900 METERŠI) AUT LESS TI	HAN 3 MILES	(4800 M	ETERS)	WITH CEIL	ING	GE 200	FEET.	
	SPEED IN KNO		*******	• • • • • • •	•••••	• • • •	•••••	•••••	
-19 20-24	25-29 30-1	34 35 -3 9	40-49 5	0-64 0	E 65 TO	TAL	MEAN	MEDIAN	
	• • • • • • • • • • • •					X	CVIL	MIND	
					3	• 2	4.5	4.0	
					1	• 9	4.4	4.0	
					. 3	• 2	4.3	5.0	
					12	. 9	7.0	7.0	
					24	. 1	6.2	6.0	
					٩	• 9	6.1	5. 0	
					11	• 5	7.1	7.0	**
					,	. Ė	5.0	5.0	
					1	. 9	4.4	5.0	
			•		5.	. 9	7.9	3.0	
. 9						. 2		8.0	
						. 3			
					71	ر .	3.7	6.0	
••••••	• • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • •	•••••	• • • •	•••••	•••••	
///////////////////////////////////////		///////////////////////////////////////	///////	//////	//// 6.	. 2	/////	111111	

C - 4 - 60

STA	TION NUMBER	726435		A HOLTA		OLK FLD	ANGB WI	-			D OF RE	CORD:
•••	••••••	•••••	• • • • • •	• • • • • •	•••••	_	SPEED IN		• • • • • • •	•••••	•••••	• • • • •
	DIRECTION (DEGREES)	1-4					25-29		35-39	40-49	50-64	GE 4
	350-010	1.1	.4	.7	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • •
	020-040	1.5	1.5	.4								
	050-070	. 4	1.1									
(E)	080-100	2.6	. 7									
	110-130	2.3	2.6	.7								
	140-160	2.6	1.5	1.5								
(s)	170-190	1.3	3.3	.7								
	200-220	3.7	1.8	. 4		. 4						
	230-250	2.6	4.0	1.1								
(H)	250-240	3.7	1.3	4.0		. 4						
	290-310	4.7	3.1	4.9	1.1							
	320-340	. 4	2.6	1.5	• •							
•••	VARIARLE	• • • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • • •	•••••	•••••	•••••	• • • • • •	• • • • •
	CALM	///////	/////	//////	///////	//////	///////	//////	//////	//////	//////	////
	TOTALS	27.3	29.4	15.9	1.5	• 6						

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VOLK FLD ANGB WI		D OF RE	9				
WIND SPEED IN KNOTS 19 20-24 25-29 30-34 35-39			GE 45	TOTAL	MEAN WIND	MEDIAN MIND	
	•••••	•••••	• • • • • •	2.2	6.0	6.0	
•	•			3.3	5.8	7.0	
				1.5	5.9	5.5	
				3.3	4.0	4.0	
				5.2	5.1	5.0	
				5.5	6.1	5.0	
				5.9	5.9	5.0	
. 4				6.2	5.1	4.0	
				7.7	6.0	6.0	
• 4			•	9.9	7.5	9.0	
.1				17.9	7.9	3.0	
• •				4.8	8.9	5.0	
	• • • • • •	•••••	••••	• • • • • •	••••	• • • • • •	
	,,,,,,,			36 (22
.5 .8	,,,,,,,	,,,,,,,	,,,,,,,			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
				100.0	4.7	0.0	
NUMBER OF OBSERVATIONS 273	• • • • • •	••••	• • • • • •	• • • • • •	•••••	• • • • • •	
and the second s							

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UPERATING LOCATION WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WINE USAFFTAC. ASHEVILLE NO FROM HOURLY DBSERVATIONS PERIOD OF RECORD: AUG 73 -STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGS WI VON :HTMCM HOURS: 09-11 LST TO UTC: + 6 WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-39 50-64 GE 65 TOTAL DIRECTION (DEGREES) •7 (N) 350-010 • 5 4.4 1.5 2.0 • 2 020-040 3.6 050-070 . 7 • 2 1.9 (E) 080-100 1.5 1.5 3.1 110-130 3.1 4.6 1.0 8.7 140-160 1.5 3.6 1.5 . 1 7.0 (5) 170-190 R . 5 3.0 3.7 1.5 . 2 200-220 3.5 . 2 5.9 230-250 3.0 1.7 6.7 (W) 250-230 4.7 4.5 . 7 • 2 12.2 290-310 2.4 7.0 7.0 1.1 17.5 320-340 10.7 5.1 VARIABLE CALM 4. 7 TOTALS 23.5 41.2 22.6 100.0 2.5

TOTAL NUMBER OF OBSERVATIONS

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ENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	20-24	25-2		35-39				TOTAL		MEDIAN WIND
	• • • • •	• • • • •	• • • • • •	• • • • • • • •	•••••	* * * * * * * *	•••••	4.4	6.0	5.0
								3.6	4.6	4.0
					_	-		1.9	5.5	5.0
								3.1	4.9	4.0
								8.7	6.1	5.0
. 1								7.0	6.9	7.0
• 2								P.5	6.5	6.0
• 1	• 2							5.9	7.0	5.0
								6.7	6.9	7.0
. 7	• 2							12.2	9.0	9.0
1.1								17.5	3.9	9.0
• 5								10.7	9.1	7.0
	• • • • •	• • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	•••••	•••••	• • • • • •	• • • • • •
/////	/////	/////	//////	/////////	///////	///////	//////	н. 9	111111	/////
2.5	. 4			** **				100.0	5.7	7.0

C - 4 - 62

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OPERATING LOCATION WAW PERCENTAGE FREQUENCY OF OCCURRENCE SUPFACE WIND DIRECTION VERSUS WIN FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO STATION NAME: VOLK FLD ANGB WI PERIOD OF RECORD: AUG 73 -STATION NUMBER: 726436 LST TO UTC: + 6 VCM :HTPOM HOURS: 12-14 WIND SPEED IN KNOTS 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL DIRECTION (DEGREES) 4, (N) 350-010 1.7 2.6 . 7 5.1 3.3 020-040 1.6 1.7 050-070 1.1 . 2 1.5 . 1 1.9 . 5 3.5 (E) 080-100 1.1 110-130 1.5 • 2 7.8 140-160 1.6 3.0 2.1 ٠2 (S) 170-190 1.1 0.0 200-220 1.2 4.3 • 5 • 2 . 1 3.0 10.4 230-250 3.2 1.6 . 9 . 2 (W) 260-230 5.3 1.5 3.3 11.2 290-310 10.0 7.0 2.3 2.1 .6 22.1 320-340 1.0 7.5 VARIABLE CALM TOTALS 17.1 49.3 23.5 100.0 TUTAL NUMBER OF OBSERVATIONS

71466		FROM HOL				n nikec	IIUN VE	SSUS MIN	O ZHEE	<u> </u>	,
4E: VO	LK FLD	ANGS WI				D OF RE		NUG 73 -	JUL 8	8	
15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND	
••••	• • • • • •	• • • • • • •		• • • • • •	•••••	• • • • • •	•••••		6.0	• • • • • •	
								5.1 3.3	4.9	5.0	
				a 7.1888 FT - FT a 4.1				1.5	7.3	3.0	
								3.5	6.5	6.5	
• 2								7.8	7.3	7.0	
• 2								6.9	7.7	9.0	n a da se a començão como do e em de as se em de
• 2								8.8	7.0	6.0	
• 5	• 2	• 1						8.0	8.1	7.0	
• 4								10.4	9.0	5.0	
• 9	• 2							11.2	9.0	9.0	
2.1	•6							22.1	9.3	₹.0	
• 2								7.5	8.0	5.0	
• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • •	•••••	
/////	//////	///////	,,,,,,	//////	///////	//////	//////	4.0	/////	/////	
4.7	1.0	• 1						100.0	7.7	s. . o	

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GDEOLETHE LO			0506	FAITAGE	EDEAUE	NCY OF O	CCHBBEA	ire supe	ACS WIL	in nisco	TTON US	DELLE LIT
USAFETAC, AS			PERC	ENTAGE	FREQUE			SERVATI		ים מזגבנ	ITUN VE	∡202 MI
STATION NUMB	ER: 726436		N NOITA		ILK FLD	ANGB HI				D DF RE	CORD: HOUR	AUG 73 S: 15-1
••••••	•••••	• • • • •	• • • • • •	•••••	WIND	SPEED IN	KNOTS	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •
DIRECTION (DEGREES)		5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.5	1.8	. 4	•••••	•••••	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • •	• • • • • • •	3.7
020-040	. 7	1.1										1.4
050-070	. 7	1.1	• 2									2.0
(E) 080-100	• 7	2.8	1.1									4.5
110-130	• 5	5.0	1.1									6.5
140-160	2.0	2.4	1.7									6.1
(5) 170-190	2.2	7.2	• 5			• 2						10.1
200-220	2.6	3.9	1.7									3.1
230-250	3.3	5.9	1.5	• 5								11.5
(W) 260-280	2.6	5.0	5.0	• 4								12.3
290-310	2.5	5.4	7.0	1.5								17.5
320-340	• 4	5.1	2.5									9.5
VARIABLE	• • • • • • • • •	• • • • •	•••••	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
CALM	////////	/////	///////	//////	//////	///////	/////	///////	//////	///////	///////	5.5
TOTALS	20.4	48.7	23.2	2.5		• 2						100.0

TOTAL NUMBER OF OBSERVATIONS 544

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TAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DESERVATIONS

5-19		25-29		35-39	40-49	50-64	GE 65	TOTAL ¾	MEAN WIND	MEDIAN WIND	
••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	3.7	5.0	5.0	
								1.8	4.9	5.0	
								2.0	5.9	5.0	
								4.5	7.2	7.0	
								6.6	7.4	7.5	
								6.1	6.5	6.0	
		•2						10.1	6.4	6.0	
								8.1	6.3	6.0	
• 5								11.6	7,1	7 • 0	
. 4								12.9	3.5	8.0	
1.5								17.5	9.2	9.3	
••••	••••				• • • • • •		•••••	9.5	7.5	7.0	
/////	//////		//////	· · · · · · · · · · · · · · · · · · ·	//////	//////	//////	5.5	111111	111111	
2.5		• 2						100.0	7.0	7.0	

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS #1 FROM HOURLY DESERVATIONS USAFETAC, ASHEVILLE NO STATION NAME: VOLK FLD ANGE HI STATION NUMBER: 726435 PERIOD OF RECORD: AUG 73 VCM :HTMGM LST TO UTC: + 6 HOURS: ALL WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 1.5 • 6 020-040 1.5 . 1 3.1 1.7 050-070 • 5 1.0 . 2 (E) 080-100 1.4 1.8 3.5 110-130 2.0 4.4 1.2 . 1 7.7 140-150 . 1 2.9 1.3 (S) 170-190 2.3 5.1 1.1 . 2 .0 200-220 2.0 3.7 1.3 • 2 230-250 2.2 2.2 • 2 (W) 260-280 2.1 4.2 .6 . 2 290-310 1.5 .2 2.6 3.0 5.8 19.1 320-340 1.2 2.6 • 3 8.7 VARIABLE CALM TOTALS 44.3 22.5 3.2 100.0 TOTAL NUMBER OF OBSERVATIONS 2429

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ME: VOL : + 6			-		MONTH	ACH :	CORD: HOUR	S: ALL		8	
	WIND S	PEED IN	N KNOTS				GE 55			MEDTAN	
	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •		. • • • • • • • • • • • • • • • • • • •	• • • • • • •	MIND	WIND	
• • • • • •	•••••	• • • • • •	• • • • • •	••••	• • • • • •	•••••	•••••	4.2	5.8	5.5	
								3.1	4.9	5.0	
								1.7	5.1	5.0	
								3.5	5.0	6.0	
• 1								7.7	6.7	7.0	
. 1								6.6	7.0	7.5	
• 2		• 0						8.6	6.6	6.0	
• 2	• 2	• 0						7.5	7.0	5.0	
٠٤								9.1	7.3	7.0	
• 6	• 2							11.8	d.7	9.0	
1.5	• 2							19.1	9.0	ö•3	
• 3								8.7	3.0	3.0	
	•••••		• • • • • • •	••••	• • • • • •		•••••	• • • • • •		•••••	
	//////	///////	1111111	///////	(//////		1111111	8.4	/////	111111	
3.2	•6							100.0	6.9	7.0	

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCUPRENCE SURFACE WIND DIRECTION VE USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGS WI PERIOD OF RECORD: LST TO UTC: + 6 NONTH: NOV HOUR CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (OBOD METE: AND/OR VISIBILITY SE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 MÉTERS) WITH I WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 66 65 (DEGREES) (N) 350-010 2.2 5.6 • 2 020-040 2.4 5.3 050-070 2.9 . 5 • 5 (E) 080-100 1.2 1.9 .5 110-130 2.4 4.3 2.4 • 2 140-150 2.9 2.7 2.4 (S) 170-190 1.3 5.1 1.7 • 2 200-220 1.4 1.0 230-250 1.4 3.9 2.4 • 5 • 2 (M) 260-280 . 7 2.2 3.4 290-310 3.4 9.4 2.9 1.2 320-340 1.2 . 7 VAPIABLE CALM TOTALS 21.5 49.1 17.6 2.5 TOTAL NUMBER OF OBSERVATIONS 414

VENTAGE FREQUENCY OF OCCUPRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	AMS: VOLK FLD ANGB WI C: + 6	PERTUD OF REC MONTH: NOV	HOURS: ALL	- JUL F	19	
••	S THAN 1500 FEET WITH VIŠÍŘÍLÍTY GE ANDZOR			•		
11	(0800 METERS) BUT LESS THAN 3 MILES			GE 200	FEET.	
···	WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-39			MEAN	MEDIAN	
; `	} · · · · · · · · · · · · · · · · · · ·		%	AIND	UNIW	
• •		• • • • • • • • • • • • • • • • • • • •	8.0	5.9	6.0	
• ?			7.7	5.5	5.0	
	; ;		3.9	5.8	7.5	
			3.6	6.3	6.0	
• ',	2		9.4	7.2	7.0	
			6.0	6.3	6.0	
	• 2		8.9	7.1	6.0	
•			2.9	5.1	4.5	
•	• 2		8.2	8.5	5.5	
•	•2		5.5	9.3	10.0	
٠.,	1.2		16.9	7.5	7.0	
• •	•2		7.0	7.1	7.0	
,		• • • • • • • • • • • • • • • • • • • •	•••••	•••••		
į	////////////////////////////////////					
•		· · · · · · · · · · · · · · · · · · ·				
. ^ 1	2.5		100.0	6.4	7.0	

TAL NUMBER OF ORSERVATIONS

OPERATING LOUSAFETAC. ASS			PERC	ENTAGE	FREQUE	NCY OF O				D DIREC	CTION VE
STATION NUMB	ER: 726436	ST LS	R ROLTA	AME: VE C: + 6	OLK FLD	IN EDNA			PERIO	DO OF RE	ECORD:
••••••	• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •		SPEED IN			• • • • • • •	• • • • • •	• • • • • • • •
DIRECTION (DEGREES)					20-24	25-29	30-34			50-64	GE 55
(N) 350-010			.4	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •
020-040	• 4	. 7									
050-070	1.4	. 7									
(E) 050-100	1.4	1.4									
110-130	3.2	2.8	1.4								
140-160	1.1	1.4	. ?								
(S) 170-190	1.3	2.5	2.1								
200-220	2.8	4.2	1.1								
230-250	2.1	2.9	1.3								
(4) 260-280	5.6	4.9	2.5	.4							
290-310	5.7	9.5	4.?	1.4							
320-340	2.8	1.9	.7								
VARIABLE	• • • • • • • • •	• • • • •	•••••	• • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • •	• • • • • •	• • • • • • •
CALM	////////	/////	//////	//////	/////	///////	//////	''''	//////	//////	////////
TOTALS	30.4	33.4	14.9	1.8							
			r a1	TAL NUM	BER OF	DASERVA	TIDNS	284			

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CENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED. FROM HOURLY DBSERVATIONS AME: VOLK FLD ANGB WI PERIOD OF RECORD: AUG 73 - JUL 88 JEC: + 6 MONTH: DEC HOURS: 06-08 WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 MEAN MEDIAN × WIND MIND 6.6 5.0 1.1 5.3 5.0 2.5 3.7 4.0 2.2 4.8 4.5 7.4 5.8 5.0 3.2 5.0 6.0 6.3 5.8 7.0 5.9 9.1 5.0 6.7 6.3 5.0 13.4 6.3 6.0 21.2 7.0 0.5 5.3 5.5 4.0 1.8 100.0 5.0 5.0 TITAL NUMBER OF DESERVATIONS

1

C - 4 - 67

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OPERATING LOCATION MAM PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSI

5 T #	ATION NUMBER		LS	זני פז דו	rc: + 6					HONTH	UD DE RE	UCH	JRS:
•••	DIRECTION (DEGREES)	1-4	5-9	10-14	15=19	WIND 5 20-24	SPEED IN	N KNOTS 30-34					
	350-010	. 3	1.1	.5	•••••	•••••	•••••		•••••	, .	· • • • • • •	•••••	••••
	020-040	• 5	• A	• 2									
	050-070	4 7	1.1										
(E)	080-100	2.7	1.8	•2									
	110-130	1.9	3.3	1.4	• 2								
	140-160	3.2	2.2	• 15	.1								
S)	170-190	2.3	3.5	1.3		. 1							
	200-220	1.5	3.5	•5	. 2								
	230-250	1.3	3.3	1 • 4									
W)	260-230	1.5	5.0	4.3	1.1								1
	290-310	4.5	10.4	5.3	2.0	• 2							2
	320-340	2.0	4.5	2.3									
••	VARIABLE	• • • • • • • •	••••	• • • • • •	• • • • • •	• • • • • •	•••••	, • • • • • •	• • • • • • •		•••••	• • • • • •	••••
	CALM	///////	/////	//////	'///////	1111111	'///////	''''	'//////	//////	111111	//////	'V 1
	TOTALS	23.0	41.5	19.4	3.6	.3							10

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DRSERVATIONS

I I I N I D N	NAME: VO	ILK FLO	ANGE AI				ID OF RE		AUG 73 - S: 09-11		8	-		
-)-14	15-19		SPEED IN 25-29		35~39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	NAIC3M UNIM			
· ;	• • • • • • •	•••••	• • • • • • •	•••••	•••••	•••••	•••••	••••••	2.3	6.3	5.5			
1.2									1.6	5.6	5.0			
									1.5	5.3	5.0			
.2									4.7	4.8	4.0			
1.4	• 2								6.8	5.9	6.0			
.5	•1								0.0	5.1	4.0			
1.3		.1							7.3	5.8	6+0			
.5	• 2								5.8	6.2	5.0			
1.4									6.7	7.1	7.0			
	1.1								12.9	8.3	9.0			
5.4	2.0	• 2							22.9	3.2	8.0			
٠.,									€ • *	7.3	3 • O			
	• • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •		•••••	• • • • • • •	• • • • • •			•	
/////	///////	//////	'''''	//////	//////	//////	//////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	13.1	/////	111111			
14.4	3.6	.3							100.0	6.3	7.0			
۲,	ITAL NUM	RER JF	DRSERVA	TIONS	352									

STATION NUMBER	FR: 726436	ST	ATION N	iΔ45: √3	IIK FLD	ANGS at	r		PERIO	חס מר
31 N 1 2 G 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		LS	וט פד דו	C: + 6	_					1: 050
				_	MIND	SPEED II				
DIRECTION (DEGREES)			-		20-24	25-29	30-34	35-39	40-49	50-6
(N) 350-010		. 4	.5	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	
020-040	• 3	1.2	• 2							
050-070	1.1	1.1	• 1							
(E) 080-100	1.3	1.3	• 3							
110-130	2.0	3.6	2.2	• 2						
140-160	1.3	3.3	1.4	• 1						
(S) 170-190	2.0	3.2	•6	.4						
200-220	1.5	3.6	1.5							
230-259	1.4	3.9	2.0	• 4						
(W) 260-280	2.0	5.7	5.4	1.3						
290-310	2.1	9.2	7.3	2.1	• 2					
320-340	2.0	3.4	2.6	• 1						
VARIABLE	• • • • • • • •	• • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • •
CALM	///////	/////	///////	///////	//////	//////	//////	//////	//////	/////
TOTALS	19.5	40.9	24.6	4.5	• 2					

in the second se

				SERVATI							
+ 6 : A3	LK FLD	ANGS AT				DD OF RE H: DEC	CORD: HOUR	AUG 73 - S: 12-14		8	
-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEĎÍAN WIND	
• • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	• • • • • • •		2.3	5.5	4.0	
								2.2	5.3	5.0	
								2.2	4.9	5.0	·
								3.9	6.2	5.0	
. 2								8.1	7.3	5.0	
• 1							÷	6.1	7.0	6.0	يديد اليستان المداعلية المداعوس العدي يوريان
. 4								6.1	6.6	6.0	
								6.7	6.8	7.0	
• 4								7.6	7.7	5.0	
• 3								15.3	8.9	9.0	
• 1	• 2							20.9	9.5	9.0	
. 1								4.1	7.6	₫•0	
• • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	•••••	• • • • • •	•••••		
///	//////		///////	,,,,,,,	,,,,,,	,,,,,,,	///////	10.5	,,,,,	,,,,,,	
						,,,,,,				3.0	

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OPERATING LOCATION "A" PERCENTAGE EREQUENCY OF OCCURRENCE SUPFACE AIND DIRECTION VER FROM HOURLY DBSERVATIONS USAFETAC, ASHEVILLE NO STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB WI PERIOD OF RECORD: 4 LST TO UTC: + 6 MONTH: DEC HAUPS WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-23 30-34 35-39 40-49 50-64 CE 65 (DEGREES) (N) 350-010 1.1 • 9 . 4 • B 020-040 • 2 • 6 050-070 1.7 1.0 (E) 090-100 2.1 1.9 1.1 110-130 3.2 2.9 2.3 • 2 140-160 3.4 2.3 • 21 • 2 (S) 170-190 4.0 • 3 • 2 200-220 1.3 2.5 1.1 • 3 230-250 5.1 1.1 • 2 (W) 260-280 3.2 10.1 4.2 1.3 290-310 3.0 7.2 1.5 7.0 . 2 320-340 1.5 1.1 3.2 VARIABLE CALM TOTALS 25.0 40.1 20.2 3.6 526 TOTAL NUMBER OF PASERVATIONS

-CENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

111	10: + 6	K FLD ANGS H	11		PERIO MONTH		CORO: HOUR	AUG 73 S: 15-1				
	15-19	wind speed 1 20-24 25-29		35-39	40-49	50-64	CE 65	TOTAL %	MEAN HIND	MEDIAN WIND		
. 4.	• • • • • • • •	**********	•••••	• • • • • •	•••••	•••••	******	2.3	5.3	5.0		
. ,								1.5	5.0	5.0		
}								2.7	4.5	4.0		
.:								5.1	5.9	5.0		
. ,	• 2							A • 6	5.5	5.0		
		• 2						6.7	5.9	4.0		
. `	• 5							7.4	5.4	4.0		
٠.								4.9	7.2	7.0		
	٠٤							7.2	5.9	7.0		
.,	1.3							Įa, a	3.0	7.0	-	
	1.5							13.3	3.5	9.0		
	• 2							6.1	7.5	ა•ე		
• • • •	••••••	• • • • • • • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	•••••		
111	////////	///////////////////////////////////////	///////	//////	//////	//////	//////	9.9	//////	/////		
• `	3.6	• 2						155.5	6.5	7.0		 · · · · ·
13	TAL NUMB	ER OF DASERV	RICITA	526								
• • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	•••••		

OPERATING LOCATION "A"
OF SULFFERENCE SOLUTION "A"

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY DBSERVATIONS

USAFETAC. A	2HEALLE AL					екои но	JUSEA DE	225KAV11	TIM2			
STATION NUM	_	L S	זע ניז דו	C: + 6					MONTH	JEC :		AUG T
DIRECTIO					WIND !	SPEED IN	N KNOTS 30-34				GE 65	T 31
(DEGREES)	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	•••••	•••••	• • • • •
(N) 350-010		. 7	.4	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	•••••	• • • • • •	•••••	2,
20-040	. 7	. 9	• 2									ì.
050-070	1.2	1.0	.0									2.
(E) 080-100	2.1	1.5	• 5									4,
110-130	2.3	3.3	1.9	• 2								7,
140-160	2.3	2.5	• 9	• 1	.0							£. (
(S) 170-190	2.5	3.1	1.0	• 2	.0							5.
200-220	1.6	3.4	1.7	• 1								٠,
230-250	1.4	3.4	1.5	• 2								** (
(W) 250-290	2.5	7.0	4.4	1.1								15.
290-310	3.6	9.3	5.4	1.9	٠ċ							21.
320-340	1.9	3.5	2.1	.1								7,
VARIABLE	• • • • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	•••••	• • • • •
CALM	///////	//////	///////	///////	//////	///////	///////	//////	//////	///////	//////	12.
TOTALS	23.2	40.1	20.4	3.9	• 2							100.
			ro	TAL NUM	IBER OF	D8SERVA	TIONS	2517				

STAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY JOSEPVATIONS

		IN KNOTS 29 30-34		40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN	
• • • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	· · · · · · · · · · · · · · · · · · ·	4170	พากก	
• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	•••••	• • • • • • •	2.3	5.9	5.0	
							1.7	5.3	5.0	
							2.2	4.9	4.0	
							4.3	5.5	5.0	
• 2							7.7	6.9	6.0	
• 1	• 0						5.⊌	5.3	5.0	
• 2	. o						6.P	0.4	6.7	
• 1							6.2	5.5	6.9	
• 2							6.9	7.2	7.0	
1.1							15.0	٩,4	9.0	
1.9	٠٤						21.3	8.6	н. Э	
.1							7.6	7.3	8.5	
•••••	•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	
///////////////////////////////////////	111111111	/////////	////////	//////	///////	//////	12.3	//////	111111	
3.9	• 2						100.0	0.4	7.0	

RECTION	CEILING GE VISIBILITY 1-4	200 SE 1	ST TO UTO	S THAN AND/OF (0800	1500 R MÉTERS	FEET WI	TTH VISI	BILITY	MONTH GE 1/2 M	ILE (O	800 MF1	JRS: [EPS]
RECTION GREES)	CEILING GE VISIBILITY 1-4	200 SE 1	BUT LES	S THAN ONGON	1500 R MÉTERS	FCET WI	ITH VISI	BILITY	GE 1/2 M	METER		
RECTION GREES)	VISIBILITY	SE 1	1/2 MILE	AND/09 (0800	R METERS					METER		
GREES)	1-4	• • • • •	• • • • • • • •	• • • • • •) BUT L	LESS THA	N 3 MIL	ES (4800		S) WITH	
GREES)	1-4											. Cr
GREES)		••••		15-19			IN KNOTS		49-49			5
0-010			•••••				•••••		•••••	•••••	• • • • • •	•••
0-040	2.6	.8		• • • • • •		•••••	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • •	•••
	. 4	1.4	• 5									
0-070	1.0	• 9	• 2									
10-100	2.5	3.4	1.0									
0-130	2.6	5.4	4.8									
0-150	3.3	2.4	1.0									
0-190	3.3	3.4	2.5	• 2								
) 3-22 0	1.4	2.4	•6									
10-250	1.2	4.2	1.0	• 2								
0-290	1.2	3.4	2.6	• 2								
0-310	3.0	3.2	4.2	1.3	• 2							
9-340	2.4	4.2	1.8	• 2								
IABLE	•••••	• • • • •	• • • • • • •	•••••	· • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • •	•••
L4	////////	/////	///////	//////	//////	//////	///////	//////	////////	111111	//////	7
	25.0	41.0	20.6	1.8	• 2							1
20 20	0-290 0-310 0-340 148LE	0-290 1.2 0-310 3.0 0-340 2.4 IABLE	0-280 1.2 3.4 0-310 3.0 3.2 0-340 2.4 4.2 IABLE	0-280 1.2 3.4 2.6 0-310 3.0 8.2 4.2 0-340 2.4 4.2 1.8 149LE .4 ////////////////////////////////////	0-280 1.2 3.4 2.6 .2 0-310 3.0 3.2 4.2 1.0 0-340 2.4 4.2 1.8 .2 149LE 14 ////////////////////////////////////	0-280 1.2 3.4 2.6 .2 0-310 3.0 3.2 4.2 1.3 .2 0-340 2.4 4.2 1.8 .2 149LE 149LE 149LS 25.0 41.0 20.6 1.8 .2	0-280	0-280	0-280	0-280	0-280	0-280

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DBSERVATIONS

JUTO	: + 6		ANGB WI			HIVOM	: DEC	CORD: HOUR	S: ALL			
	5 THAIL	1500 F	EET WITH									
		METERSI									FEET.	 بيد.
	15-19	WIND 9	PEED IN 25-29	KNOTS 30-34	35-39	40-49	50=64	GE 65	TOTAL	MEAN	MEDIAN	
• • • • •			•••••						%	WIND	GRIW	
.2	• • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		3.6			
• *>									2.4	6.B	6.5	
• ?									2.0	5.7	4.5	
1.7									7.0	6.0	6.0	
• • 4									13.9	7.5	ತ•೧	
1 • :									7.2	5.0	4.0	
4.5	• 2								10.0	5.5	5.5	
• 6									4,4	5.7	5.3	
1.~	• 2								6.5	7.0	7.0	
2.€	• 2								7.4	3.5	8.0	
4.2	1.3	• 2							16.7	8.1	b • 0	
1.4	• 2								8.6	7.2	7.0	
• • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •		• • • • • •		•••••	
	//////		////////	1/////	///////	//////	//////	//////	10.0	//////	111111	
~•6	1.6	• 2							100.0	5.3	5.0	
7.27	'AL NUM	BER OF	OBSERVAT	LONS	498							

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE AIND DIRECTION V OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO FRUM HOURLY DBSEKVATIONS STATION NUMBER: 725435 STATION NAME: VOLK FLO ANGO AL PERIOD OF RECORD: LST TO UTC: + 6 MONTH: ALL WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 . 1 1.5 020-040 1.5 . 3 • 0 050-070 1.3 • 5 1.5 .0 (E) 030-100 1.9 2.5 1.1 • 0 • 1 110-130 4.1 1.7 • ì 140-160 2.C 3.4 1.4 . 1 • 0 (S) 170-130 1.3 4.5 2.2 . 2 .0 • 0 200-220 • 0 3.5 1.8 • 2 .0 230-250 3.5 1.9 • 3 • 0 (m) 250-230 3.1 290-310 2.3 4.5 • 0 320-340 2.0 3.9 2.4 . l . 0 VARIABLE CALM TOTALS 22.9 41.5 21.5 2.9 TOTAL NUMBER OF DOSFRVATIONS: 39112

STAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

₩≣: V∂ : + 6	LK FLÛ A	ANGB AI			MONTH	: ALL	CORD: Haur	S: ALL	JULTS	8		
19-19	WIND SF 20-24	25-29	KNOTS 30-34	35-39		5C-64		TOTAL	MEAN	MEDIAN		
	• • • • • • •	• • • • • •	• • • • • •	•••••	•••••				MIND	- ATNO	· · ·	
. 1	.0	•••••	• • • • • •	• • • • • •	•••••	•••••	••••••	4.6	5.4	6.0		
								3.4	5.3	5.0		
•0					••			3.4	5.9	5.5		
• 1	.0							5.7	5.6	6.0		
1	. ა							8.3	6∙3	6.0		
• 1	• 0							5.9	6.3	6.0		
?	• 0	• 0						8.9	7.5	7.0		
• 2	. ∪	• 0						7.3	7.6	7.0		
. 3	• 1	• 0	• 0					7.5	7.A	7.0		
• •,	• 1	• 0						10.7	3.0	ð•9		
• 1	• 2	C.	• G					14.7	H.4	ჟ.ამ		
. 4	•1	.3						8.9	7.7	9.0		 -
		•••••		• • • • • •			• • • • • • •		•••••	• • • • • • •		
//////	///////	//////	//////	//////	///////	1111111	///////	9.7	/////	/////		
2.9	.5							100.0	6.7	7.0		
AL NUM:	BER OF O	BSFRVA	TIONS:	39112								

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS OPERATING LOCATION "A" FROM HOURLY OBSERVATIONS USAFETAC. ASHEVILLE NO IN BOMA GLA NUCLEARS ALL PERIOD OF RECORD: AUG STATION NUMBER: 726436 A :SRUCH HOURS: A LST TO UTC: + 6 CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET HITH VISIBILITY GF 1/2 MILE (0800 METERS). AND/OR VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEIL WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) (N) 350-010 020-040 2.3 2.5 • 0 7 050-070 2.1 3.6 . 1 (E) 030-100 3.4 2.2 . 1 11 5.6 • 2 . 2 5.7 13 3.6 2.4 110-130 2.7 3.1 1.2 140-160 . 1 (5) 170-190 1.9 3.5 1.2 200-220 1.5 1.5 . 3 .0 230-250 • 5 .0 • 5 (4) 250-280 1.2 2.3 1.5 . 2 13 290-310 2.5 5.9 3.3 • £ . 1 . 1 320-340 VARIABLE CALM 100 17.5 .5 TOTALS 26.7 43.4 2.3 . 1

TOTAL NUMBER OF OBSERVATIONS: 4732

TASE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

)/0R 206 •	METERCI	BUT IF	SS THAN	3 MILE	S (4900	METERS) WITH (ETI TNO	GE 200	FEFT.	-	
	• • • • • •											
_	20-24		30-34				GE 65	TOTAL	MEAN	MEDIAN		
						•••••		*	enIw	MIND		
. 1	.0	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	6.1	5.9	5.0		
.0								5.4	5.5	5.0		
. 1								7.2	6.4	6.0		-
. 2	•1							11.5	6.8	5.0		
• 4								13.5	6.7	5.0		
. 1								7.∂	5.1	5.0		
. 1								6.5	6.8	5.0		
. 1	• 0	•)						3.4	5.0	5.0		
• 2	•0							3.4	7.4	7.0		
٠٤	• 2	.0						5.4	3.5	0.3		
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PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

- CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

 CREATED FROM HOURLY ORSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION
 OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-MNO CEILINGM IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES
 (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE
 TABLES SUMMARIZE THE DATA AS FOLLOWS:
 - 3Y EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
 - BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
 - BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (PDF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

- NOTE 1: IN JANUARY 1968, METAK STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS #9999."
- NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.
- CONVERSIONS: 1 STATUTE MILE = 1,509.344 METERS = .859391 NAUTICAL MILES. FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,500 METERS.
- SKY COVER--PERCENT OCCURRENCE FREQUENCY.

 ALSO CREATED FROM HOURLY DESERVATIONS, THIS SUMMARY GIVES PERCENTAGE
 OCCURRENCE FREQUENCY (POF) DE SKY COVER IN EIGHTHS FOR SYMOPTIC STATIONS, BUT
 AS CLEAR, SCATTERED, BROKEN, DVERCAST, PARTIALLY DBSCURRED, OR TOTALLY
 OBSCURRED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES
 POF FOR SKY COVER GREATER THAN ONE-HALF (I.F., 6/10). DATA IS SUMMARIZED THE
 SAME AS FOR PREVIOUS TABLE.
- NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAK REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

NOTE 3. "PARTIAL DBSCUPATION" IS A SEPARATE CATEGORY NOT INCLUDED IN COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL DBSCURATIONS," HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS FROM HOURLY OBSERVATIONS

35.6 000 40.4 000 40.3 000 41.3 000 42.6 000 46.2	GE 5 36.6 42.1 42.6 42.6 43.8 44.7 47.3	GE 5	GE 4	GE 3 39.2 45.2 45.7 45.7	VISTBILT GE 2 1/2 39.2 45.2 45.7 45.7	40.2 46.4 45.9	40.2 46.7 47.1	MILES GE 1 1/4	GE 1	GE 3/4	\$5 5/8 40.
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7 (L 35.6 000 40.4 000 40.5 000 41.6 000 42.6 000 46.2	5 36.6 42.1 42.6 42.6 43.8 44.7 47.3	5 37.6 43.5 44.0 44.0 45.2	3R.3 44.3 44.7 44.7 45.9	39.2 45.2 45.7 45.7 45.7	2 1/2 39.2 45.2 45.7 45.7	2 40.2 46.4 45.9	1 1/2 40.2 46.7 47.1	1 1/4 40.2 46.7	40.2	3/4 40.7 47.1	5/3 40. 47.
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000 40.4 000 40.3 000 41.3 000 42.6 000 45.6 000 46.2	42.1 42.6 42.6 43.8 44.7 47.3	43.5 44.0 44.0 45.2	44.3 44.7 44.7 45.9	45.2 45.7 45.7 45.9	45.2 45.7 45.7	46.4 45.9	46.7 47.1	46.7	46.7	47.1	47.
000 40.5 000 40.5 000 41.5 000 42.5 000 46.2	42.6 42.6 43.8 44.7	44.0 44.0 45.2	44.7 44.7 45.9	45.7 45.7 45.9	45.7 45.7	45.9	47.1				-
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000 41.6 000 42.8 000 45.9 000 46.2	43.8 44.7 47.3	45.2	45.9	45.9		11 0					710
000 42.8 000 45.9 000 46.2 000 48.9	44.7					45.9	47.1	47.1	47.1	47.5	47.
000 45.5 000 46.2	47.3	46.2	45.9		46.9	48.1	48.3	48.3	45.3	48.8	43.
000 46.2 000 48.3				47.3	47.8	49.0	49.3	49.3	49.3	49.9	47.
000 46.2 000 48.3		49.3	50.0	51.0	51.0	52.2	52.4	52.4	52.4	52.9	52.
000 48.	43.1	49.5	50.2	51.2	51.2	52.4	52.6	52.6	52.6	53.1	53.
		52.6	53.6	54.8	54.8	55.0	55.2	56.2	56.2	56.7	55.
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		56.2	57.2	58.4	58.6	59.3	60.0	69.0	60.0	50.5	60.
100 53.6	55.7	57.4	58.4	59.6	59.3	61.0	61.2	61.2	51.2	61.7	61.
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		53.2	64.5	56.0	65.5	67.7	58.2	63.2	69.2	68.7	6d.
500 61.0	53.4	65. H	67.7	69.1	69.6	70.8	71.3	71.3	71.3	71.8	71.
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		75.4	77.3	90.1	40.9	93.0	94.7	84.7	84.9	85.6	85.
100 70.1	73.0	77.5	79.2	42.3	23.0	85.2	36.9	46.4	87.1	88.3	яą.
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											91.
		78.7	81.1	34.7	35.4	99.5	90.4	90.4	91.4	92.8	92.
500 71 -7	74.2	79.2	91.6	95.2	35.9	89.7	91.6	91.6	92.8	94.5	94.
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		79.2	91.9	85.6	85.4	90.4	92.3	92.3	94.5	96.4	96.
000 71.3	74.2	79.2	81.8	85.6	36.4	90.4	92.3	92.3	94.5	96.4	96.
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62.0 62.0 62.0 62.0 00 55.5 57.7 59.3 60.5 61.7 62.0 63.2 63.4 63.4 63.4 63.4 63.4 63.4 64.6 66.0 65.5 67.7 58.2 63.2</td><td>90 50.2 52.4 54.1 55.0 56.2 50.2 50.2 50.3 57.7 57.9 57.9 57.9 58.4 90 52.4 54.5 56.2 57.2 58.4 58.6 59.3 60.0</td></td></td<></td>	00 50.2 52.4 54.1 55.0 56.2 00 52.4 54.5 56.2 57.2 58.4 00 53.6 55.7 57.4 58.4 59.6 00 54.3 56.5 58.1 59.1 60.3 00 55.5 57.7 59.3 60.5 61.7 00 59.1 61.2 63.2 64.5 66.0 00 59.1 61.2 63.2 64.5 66.0 00 61.0 63.4 65.8 67.7 69.1 00 64.5 67.0 59.9 71.3 73.4 00 65.1 67.5 70.3 72.2 73.9 00 67.9 70.6 73.9 76.1 73.2 00 70.1 73.0 77.5 79.9 32.3 00 70.3 73.2 77.3 80.1 33.0 00 70.3 73.2 77.3 80.1 33.0 00 70.3 73.7 78.2 80.6 <td< td=""><td>00 50.2 52.4 54.1 55.0 56.2 56.2 56.2 56.2 57.2 58.4 58.6 00 52.4 54.5 56.2 57.2 58.4 58.6 58.6 00 53.6 55.7 57.4 58.4 59.6 59.3 00 54.3 56.5 58.1 59.1 60.3 60.5 61.7 62.0 00 55.5 57.7 59.3 60.5 61.7 62.7 62.9 00 59.1 61.2 63.2 64.6 66.0 66.5 00 59.1 61.2 63.2 64.6 66.0 66.5 00 61.0 63.4 65.8 67.7 69.1 69.6 00 64.5 67.0 59.9 71.3 73.4 73.9 00 65.1 67.5 70.3 72.2 73.9 74.4 00 67.9 70.6 73.9 76.1 73.2 78.7 00 70.1 73.0 77.5 79.9 32.3</td><td>00 50.2 52.4 54.1 55.0 56.2 56.2 57.7 00 52.4 54.5 56.2 57.2 58.4 58.6 59.3 00 53.6 55.7 57.4 58.4 59.6 59.3 61.0 00 54.3 56.5 58.1 59.1 60.3 60.5 61.7 00 55.5 57.7 59.3 60.5 61.7 62.0 63.2 00 59.1 61.2 63.2 64.6 66.0 66.5 57.7 00 59.1 61.2 63.2 64.6 66.0 66.5 57.7 00 61.0 63.4 65.8 67.7 69.1 69.6 70.8 00 64.6 67.0 59.9 71.3 73.4 73.9 76.4 00 65.1 67.5 70.3 72.2 73.9 74.4 75.8 00 67.9 70.6 73.9 76.1 73.2 78.7 30.4 00 70.1 73.0 77.5</td><td>00 50.2 52.4 54.1 55.0 56.2 56.5 57.7 57.9 00 52.4 54.5 56.2 57.2 58.4 58.6 59.3 60.0 00 53.6 55.7 57.4 58.4 59.6 59.3 61.0 61.2 00 54.3 56.5 58.1 59.1 60.3 60.5 61.7 02.0 00 55.5 57.7 59.3 60.5 61.7 62.0 63.2 63.4 00 56.5 53.6 50.3 51.5 62.7 62.9 64.1 54.4 00 59.1 61.2 63.2 64.6 66.0 65.5 67.7 68.2 00 61.0 63.4 65.8 67.7 69.1 69.6 70.8 71.3 00 64.5 67.0 59.9 71.3 73.4 73.9 76.4 76.1 00 65.1 67.5 70.3 72.2 73.9 74.4 75.8 76.5 00 67.9 70.6<td>00 50.2 52.4 54.1 55.0 56.2 56.2 56.2 57.7 57.9 57.9 57.9 57.9 60.0 70.0 70.0 70.0 70.0 70.0 70.0 <</td><td>00 50.2 52.4 54.1 55.0 56.2 50.5 57.7 57.9 57.9 57.9 00 52.4 54.5 56.2 57.2 58.4 58.6 59.3 60.0 60.0 60.0 00 53.6 55.7 57.4 58.4 59.6 59.3 61.0 61.2 61.2 51.2 00 54.3 56.5 58.1 59.1 60.3 60.5 61.7 62.0 62.0 62.0 62.0 00 55.5 57.7 59.3 60.5 61.7 62.0 63.2 63.4 63.4 63.4 63.4 63.4 63.4 64.6 66.0 65.5 67.7 58.2 63.2</td><td>90 50.2 52.4 54.1 55.0 56.2 50.2 50.2 50.3 57.7 57.9 57.9 57.9 58.4 90 52.4 54.5 56.2 57.2 58.4 58.6 59.3 60.0</td></td></td<>	00 50.2 52.4 54.1 55.0 56.2 56.2 56.2 56.2 57.2 58.4 58.6 00 52.4 54.5 56.2 57.2 58.4 58.6 58.6 00 53.6 55.7 57.4 58.4 59.6 59.3 00 54.3 56.5 58.1 59.1 60.3 60.5 61.7 62.0 00 55.5 57.7 59.3 60.5 61.7 62.7 62.9 00 59.1 61.2 63.2 64.6 66.0 66.5 00 59.1 61.2 63.2 64.6 66.0 66.5 00 61.0 63.4 65.8 67.7 69.1 69.6 00 64.5 67.0 59.9 71.3 73.4 73.9 00 65.1 67.5 70.3 72.2 73.9 74.4 00 67.9 70.6 73.9 76.1 73.2 78.7 00 70.1 73.0 77.5 79.9 32.3	00 50.2 52.4 54.1 55.0 56.2 56.2 57.7 00 52.4 54.5 56.2 57.2 58.4 58.6 59.3 00 53.6 55.7 57.4 58.4 59.6 59.3 61.0 00 54.3 56.5 58.1 59.1 60.3 60.5 61.7 00 55.5 57.7 59.3 60.5 61.7 62.0 63.2 00 59.1 61.2 63.2 64.6 66.0 66.5 57.7 00 59.1 61.2 63.2 64.6 66.0 66.5 57.7 00 61.0 63.4 65.8 67.7 69.1 69.6 70.8 00 64.6 67.0 59.9 71.3 73.4 73.9 76.4 00 65.1 67.5 70.3 72.2 73.9 74.4 75.8 00 67.9 70.6 73.9 76.1 73.2 78.7 30.4 00 70.1 73.0 77.5	00 50.2 52.4 54.1 55.0 56.2 56.5 57.7 57.9 00 52.4 54.5 56.2 57.2 58.4 58.6 59.3 60.0 00 53.6 55.7 57.4 58.4 59.6 59.3 61.0 61.2 00 54.3 56.5 58.1 59.1 60.3 60.5 61.7 02.0 00 55.5 57.7 59.3 60.5 61.7 62.0 63.2 63.4 00 56.5 53.6 50.3 51.5 62.7 62.9 64.1 54.4 00 59.1 61.2 63.2 64.6 66.0 65.5 67.7 68.2 00 61.0 63.4 65.8 67.7 69.1 69.6 70.8 71.3 00 64.5 67.0 59.9 71.3 73.4 73.9 76.4 76.1 00 65.1 67.5 70.3 72.2 73.9 74.4 75.8 76.5 00 67.9 70.6 <td>00 50.2 52.4 54.1 55.0 56.2 56.2 56.2 57.7 57.9 57.9 57.9 57.9 60.0 70.0 70.0 70.0 70.0 70.0 70.0 <</td> <td>00 50.2 52.4 54.1 55.0 56.2 50.5 57.7 57.9 57.9 57.9 00 52.4 54.5 56.2 57.2 58.4 58.6 59.3 60.0 60.0 60.0 00 53.6 55.7 57.4 58.4 59.6 59.3 61.0 61.2 61.2 51.2 00 54.3 56.5 58.1 59.1 60.3 60.5 61.7 62.0 62.0 62.0 62.0 00 55.5 57.7 59.3 60.5 61.7 62.0 63.2 63.4 63.4 63.4 63.4 63.4 63.4 64.6 66.0 65.5 67.7 58.2 63.2</td> <td>90 50.2 52.4 54.1 55.0 56.2 50.2 50.2 50.3 57.7 57.9 57.9 57.9 58.4 90 52.4 54.5 56.2 57.2 58.4 58.6 59.3 60.0</td>	00 50.2 52.4 54.1 55.0 56.2 56.2 56.2 57.7 57.9 57.9 57.9 57.9 60.0 70.0 70.0 70.0 70.0 70.0 70.0 <	00 50.2 52.4 54.1 55.0 56.2 50.5 57.7 57.9 57.9 57.9 00 52.4 54.5 56.2 57.2 58.4 58.6 59.3 60.0 60.0 60.0 00 53.6 55.7 57.4 58.4 59.6 59.3 61.0 61.2 61.2 51.2 00 54.3 56.5 58.1 59.1 60.3 60.5 61.7 62.0 62.0 62.0 62.0 00 55.5 57.7 59.3 60.5 61.7 62.0 63.2 63.4 63.4 63.4 63.4 63.4 63.4 64.6 66.0 65.5 67.7 58.2 63.2	90 50.2 52.4 54.1 55.0 56.2 50.2 50.2 50.3 57.7 57.9 57.9 57.9 58.4 90 52.4 54.5 56.2 57.2 58.4 58.6 59.3 60.0

TOTAL NUMBER OF DESERVATIONS 418

PERCENTAGE FREQUENCY DE OCCURRENCE DE CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	4E: VOL : + 6	K FLD A	IL RDV			PERIOD MONTH:	-	ORD: A		J UL 85		
• • •	• • • • • • •	VISIRII	TTY TN	STATUTE	MILES	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••
k .	GE	GE	GE	GE	GE	GE	GE	S E	G E	GE	GE	0.F
ļ	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/9	1/2	3/3	1/4	0
• • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••
. 3	39.2	39.2	40.2	40.2	40.2	40.2	40.7	40.7	40.7	40.7	41.1	41.4
. 3	45.2	45.2	46.4	46.7	46.7	46.7	47.1	47.1	47.1	47.1	47.5	47.8
. 7	45.7	45.7	45.9	47.1	47.1	47.1	47.6	47.6	47.5	47.5	44.1	48.3
, 7	45.7	45.7	45.9	47.1	47.1	47.1	47.5	47.6	47.5	47.5	43.1	48.3
.)	45.9	46.9	49.1	48.3	48.3	48.3	48.8	48.8	48.8	48.3	49.3	49.5
• •	47.3	47.8	49.0	49.3	49.3	49.3	49.9	49.8	49.8	49.9	50.2	50.5
	51.0	51.0	52.2	52.4	52.4	52.4	52.9	52.9	52.9	52.9	53.3	53.6
,	51.2	51.2	52.4	52.6	52.6	52.6	53.1	53.1	53.1	53.1	53.5	53.3
. 5	54.8	54.3	55.0	55.2	56.2	56.2	56.7	55.7	56.7	56.7	67.2	57.4
.)	55.2	50.5	57.7	57.9	57.9	57.9	53.4	53.4	58.4	59.4	50.9	59.1
	54.4	58.5	59.3	50.0	60.0	60.0	50.5	60.5	40.5	60.5	51.0	51.2
	57.6	59.3	61.0	51.2	61.2	51.2	61.7	61.7	51.7	61.7	52.3	52.4
1	52.3	60.5	61.7	62.0	62.0	52.3	52.4	62.4	62.4	62.4	52.9	53.2
}	61.7	62.0	63.2	63.4	63.4	63.4	63.9	63.9	53.9	63.9	54.4	04.6
•	62.7	62.9	54.1	54.4	54.4	64.4	64.B	64.8	64.8	64.8	55.3	65.5
, 1	56.0	65.5	57.7	68.2	63.2	69.2	68.7	63.7	59 .7	53.7	69.1	59.4
7	57.1	69.6	70.8	71.3	71.3	71.3	71.8	71.8	71.º	71.0	72.2	72.5
;	73.4	73.9	75.4	76.1	76.1	75.1	76.8	75.8	76.8	75.5	77.3	77.5
2	73.9	74.4	75.8	76.5	76.6	76.6	77.3	77.3	77.3	77.3	77.9	78.0
1	73.2	78.7	33.4	52.1	32.1	92.3	93.0	83.0	53.C	83.0	63.7	94.0
*	80.1	40.9	83.0	94.7	84.7	84.9	85.6	85.6	85.6	35.6	85.4	36.6
.)	32.3	93.0	A5.2	35.8	86.3	87.1	88.3	88.3	83.3	88.3	89 . 0	99.2
l	33.0	83.7	25.9	87.6	87.6	37.8	89.0	89.0	89.2	89.2	90.0	90.2
7	83.7	84.4	87.1	39.0	89.0	89.2	90.4	90.4	90.7	90.7	91.4	91.6
•	34.2	84.9	87.6	39.5	39.5	90.4	91.9	91.9	92.1	92.1	92.8	93.1
1	34.7	85.4	88.5	90.4	90.4	91.4	92.8	92.8	93.1	93.1	93.4	34.0
4	95.2	85.9	89.7	91.6	91.6	92.8	94.5	94.5	94.7	94.7	95.5	95.7
. 3	35.4	86.1	90.2	92.1	92.1	93.8	95.5	95.7	95.9	95.9	96.9	97.4
2	95.6	86.4	90.4	92.3	92.3	94.0	95.4	95.2	96.7	96.7	97. 5	9E.T
3	85.6	86.4	93.4	92.3	92.3	94.5	96.4	96.7	97.6	97.5	93.6	99.0
ન	⁹⁵ •6	85.4	90.4	92.3	92.3	94.5	96.4	96.7	98.1	98.1	99.3	99.8
4	35.6	36.4	90.4	92.3	92.3	94.5	96.4	96.7	99.1	93.1	99.3	100.0

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI FROM HOURLY DESERVATIONS

			726436	LST	יסוני פד	+ 6					PERIOD MONTH:	JAN	HOURS: 1
		• • • • • •	• • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • • • • • •
	ILING In	GF	GE	GE	GE		GE	SE.	GE	GE	GE	GÉ	G#
	IN EET	7	6	5 5	4	3	2 1/2	2		1 1/4	1	3/4	57%
									• • • • • • • •				
•••	••••		• • • • • • • • •										
Νŋ	CEIL	39.8	40.5	41.4	41.8	42.1	42.1	42.4	42.4	42.4	42.5	42.5	42.5
Cc	20000	45.7	46.5	47.5	48.0	43.7	48.7	49.2	49.3	49.3	49.4	49.5	49.5
GE	CCCPI	46.2	47.1	48.1	43.5	49.2	49.2	49.7	49.8	49.R	49.9	50.0	50.0
GE	16000	46.2	47.1	43.1	43.5	49.2	49.2	47.7	49.8	49.3	49.9	50.0	50.0
	14000	47.8	48.7	49.7	50.1	50.8	50.3	51.3	51.4	51.4	51.5	51.6	51.6
GE	12000	49.0	50.0	51.0	51.4	52.2	52.2	52.7	52.3	52.3	52.9	53.0	53.0
GE	12000	53.5	54.7	55.6	55.0	55.8	56.3	57.4	57.5	57.5	57.5	57.7	57.7
SE	9000	53.5	54.7	55.5	56.0	55.9	56.9	57.4	57.5	57.5	57.5	57.7	57.7
GF	3000	56.5	58.0	59.0	59.4	60.2	50.3	51.0	51.1	51.1	51.2	61.3	61.3
GF	7000	57.0	58.4	59.4	59.4	60.7	61.1	61.8	61.9	61.9	62.0	62.1	52.1
Gë	6000	58.7	60.2	51.4	61.9	62.8	63.2	53.9	64.0	54.1	54.2	54.3	54.3
35	5000	59.0	51.5	52.3	53.2	54.4	55.Ú	65.5	55.7	55.3	55.9	55.0	65.0
r, e	4500	60.7	52.3	63.6	44.0	05.1	55.7	55.5	55.6	65.7	55.8	55.9	55.7
GΞ	4000	61.9	43.7	55.3	55.8	67.0	67.5	65.4	60.5	58.5	68.7	68.6	6월•년
GE	3500	62.2	64.0	65.7	65.2	67.5	58.1	68.9	59.0	59.1	69.2	69.4	69.4
GΕ	3000	62.3	54.3	6 7. 0	6 7.7	69.2	70.3	70.8	70.9	71.0	71.1	71.3	71.3
GE	2500	64.1	66.2	62.4	59.3	70.8	71.7	72.6	72.9	73.0	73.1	73.4	73.4
GE	2000	65.5	59.4	72.0	73.0	74.7	75.5	75.7	77.1	77.3	77.5	78.0	78.0
GE	1800	67.2	69.9	72.5	73.5	75.2	75.1	77.4	79.0	79.2	73.5	79.1	79.1
GE	1500	69.7	72.7	75.4	76.5	78.9	90.1	51.5	32.5	42.7	33.2	93.9	83.8
GE	1200	70.8	74.2	77.0	79.1	91.4	32.8	54.4	95.3	R5.5	56.1	36.8	86. 8
ĠĘ	1002	71.5	75.2	79.0	80.3	83.6	35.0	65.6	37.0	93.0	38.9	69.R	89.3
GF	900	71.3	75.4	79.2	31.1	84.1	95.4	87.1	54 . 5	39.7	39.5	90.5	90.5
GE	300	72.4	76.1	79.9	81.9	94.9	96.2	37.9	37.5	39.7	30.9	91.9	91.9
GE	700	72.5	76.4	P0.2	32.2	85.2	86.6	88.6	90.3	90.5	91.9	92.9	92.9
GE	600	72.6	76.5	30.4	82.5	35.5	37.3	99.4	91.2	91.4	92.0	93.8	93.3
GE	500	72.6	76.5	90.7	82.9	85.1	87.3	90.3	92.3	92.6	94.3	95.5	95.5
GE	400	72.6	76.6	80.7	92.9	36.4	88.1	90.8	92.8	93.1	95.0	96.3	96.3
SE	300	72.5	76.6	80.7	52.9	86.5	88.2	95.9	93.0	93.3	95.1	97.3	97.3
Gê	200	72.6	76.5	80.7	92.9	86.5	88.2	90.9	93.0	93.3	95.1	97.4	97.4
GE	100	72.5	76.5	30.7	32.9	36.5	88.2	40.9	93.0	93.3	95.1	97.5	97.5
GE	000	72.5	76.5	80.7	92.9	86.5	98.2	90.9	93.0	93.3	95.1	97.5	97.5

TOTAL NUMBER OF DOSERVATIONS 1010

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

: + 6	LK FLD A!	NG3 WI						US 73 - 09-11		· · · - ·		~ ~ ~ »
	VISIBIL	ITY IN	STATUTE	MILES							20	
1	GE 2 1/2	5E 2	1 1/2	GE 1 1/4	GE 1	3/4	5/8	GE 1/2	GE 3/3	5E 1/4	GE O	
		• • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	
42.1	42.1	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	
43.7		49.2	49.3	49.3	49.4		49.5	49.5	49.5	49.5		
47.2	49.2	49.7	49.8	49.8	49.9	50.0	50.0	50.0	50.0	50.1	50.1	
49.2	49.2			49.3	49.9		50.0		50.0	50.1	50.I	
57.3				_	51.5			51.6	51.6			
52.2	52.2	52 .7	52.3	52.3	52.9	53.0	53.0	53.0	53.0	53.1	53.1	
55.8	56.7	57.4	57.5	57.5	57.6	57.7			57.7	57.9	57.0	
55.8	56.9	57.4	5 7.5	57.5	57.5	57.7	57.7	57.7	57.7		57.3	
50.2	50.3	51.0	61.1	51.1	61.2	61.3		61.3	61.3	51.4	51.4	
50 .7	61.1	61.8	61.9	61.9	62.0	62.1	62.1	52.1	62.1	62.2		
ۋە•د،	63.2	63.9	64.0	64.1	64.2	54.3	64.3	64.3	54.3	54.4	54.4	
- 74.4	55.0	65.5	5.7	65.3	65.9	55.0	66.0	66.0	56.0	65.1	66.1	
55.1	55.7	65.5	55.6	66.7	55.8	66.9	55.9	56.9	60.9	57.0	67.0	
67.0	67.5	65.4	68.5	68.6	68.7	68.8	68.3	68.0	68.8	68.9	64.9	
57.5	58.1	68.9	69.0	69.1	69.2	69.4	69.4	69.4	59.4	59.5	59.5	
59.2	70.3	70.8	70.9	71.0	71.1	71.3	71.3	71.3	71.3	71.4	71.4	
7).4	71.7	72.6	72.9	73.0	73.1	73.4	73.4	73.4	73.4	73.5	73.5	
74.7		75.7	77.1	77.3	77.5			78.0	79.0	70.1		
75.2	75.1	77.4		79.2	73.5	79.1	79.1	79.1	79.1			-
7~.9	90.1	51.5	32.5	32.7	93.2	93.9	83.8	93.9	83.3	43.9	93.9	
31.4	32.8	94.4	95.3	85.5	86.1	96.8	86.8	86.9	86.9	a7.3	37.0	
43.6	95.0	85.6	3 7. 8	38.0	88.9	89.8	99.3	90.0	90.0	90.1	95.1	
34.1	85.4	87.1	58 . 5	39.7	39.5	90.5		90.7	90.7			
94.9	86.2	87.9		39.7	90.9	91.9		92.1	92.1	92.2		n - ₩
15.2	86.6	88.6	90.3	90.5	91.9	92.9		93.3	93.3	93.5		
35.5	37.3	99.4	91.2	91.4	92.8	93.8	93.9	94.3	94.3	94.6	94.7	
95.1	87.3	90.3	92.3	92.6	24.3	95.5	95.5	96.0	96.0	96.3	96.4	
16.4	88.1	90.8	92.8	93.1	95.0	96.3	96.3	96.8	95.9	97.2		
46.5	88.2	93.9		93.3	95.I	97.3		98.1		95.5	98.7	
95.5		90.9		93.3	95.1	97.4		93.3	98.5	99.0		
35.5		90.9		93.3	95.1			99.4	93.7		99.3	
35.5	98.2	90.9	93.0	93.3	95.1	97.5	97.5	98.5	98.9	99.8	100.0	
•			•••••		• • • • • •			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	

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OPERATING LOCATION MAM-USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF DOCURRENCE OF CEILING VERSUS VISIBILE FROM HOURLY DESERVATIONS

				LST	to ote						MONTH:	PAL	CORD: A HOURS:	12-14
	ILING	• • • • • •	• • • • • • • •	•••••	• • • • • •	٠٠٠٠٠٠	I STATL I	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •
	IN .	GE	GF	GE	G.E		GE	SE	GE	GE	GE	GE	GE	GŁ
	FFT	7	5	5	4	3	2 1/2	2	1 1/2		1	3/4	5/3	1/2
													• • • • • • • •	• • • • •
Ni	CEIL	40.2	40.4	41.4	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
95	20000	48.3	49.1	50.0	50.4	50.9	50.9	50.7	50.9	50.9	50.0	50.9	57.9	50.9
55	18000	48.7	49.5	50.4	50.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
	15000	48.7	49.5	50.4	50.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
	14000	47.9	50.5	51.6	52.1	52.6	52.6	52.6	52.5	52.h	52.5	52.5		52.6
GE	12000	50.8	51.6	52.5	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53. 6	53.5	53.5
7,5	10000	54.7	55.6	56.6	57.2	57.8	57.3	57.5	57.8	57.8	57.8	57.8	57.8	57.5
SE	3000	54.4	55.7	56.7	57.3	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.7	67.0
GE	8000	59.6	59.5	50.6	61.2	61.8	61.9	61.3	52.0	62.0	62.0	52.0	62.0	52.0
6 E	7000	59.1	50.1	61.3	61.9	62.6	52.6	62.6	62.8	62.8	62.5	t 2 • 4	62. o	62.5
GE	6000	50.1	51.2	52.4	63.0	53.7	63.7	63.7	63.9	63.9	63.9	63.9	53.9	63.9
3°	5000	61.5	62.9	04.1	54.7	65.4	55.5	o5.7	55.9	55.9	65.9	65.9	65.9	55.0
SE	4500	62.3	63.0	54.9	55.5	55.2	56.3	55.5	66.7	55.7	56.7	66.7	65.7	55.7
GE	4000	63.6	55.3	56.9	67.5	63.2	5ª.4	53.6	58.8	63.8	68.3	59.R	68.3	54.ª
GE	3500	64.1	65.8	57.4	68 • 1	55.5	69.1	69.3	59.5	67.5	69.7	69.7		59.7
GE	3000	45.0	67.1	69.9	70.4	71.5	72.0	72.2	72.4	72.4	72.5	72.6	72.5	72.7
SE	2500	56.5	63.4	70.5	72.1	73.3	73.3	74.1	74.3	74.3	74.5	74.5	74.5	74.5
SE	2000	59.7	72.2	74.1	75.7	77.1	77.5	77.9	76.2	73.3	78.5	78.5	74.5	74.6
GE	1800	70.4	72.3	74.7	76.4	77.3	79.4	73.7	79.3	79.4	79.6	79.6	79.6	79.7
GΞ	1500	73.8	76.7	79.3	81.2	93.1	43.8	84.1	14.9	85.1	85.4	85.9	95.3	35.6
GE	1200	75.2	79.5	81.5	83.5	95.5	96.3	95.6	47.5	8 7. ਲ	88 .1	84.5	88.5	₽3.6
GE	1000	75.8	77.4	82.6	34.9	ც7.7	83.4	83.4	39.9	90.1	91.2	91.9	91.9	32.5
ĢΞ	900	76.1	79.7	32.9	35.2	83.0	38.7	29.2	90.4	90.6	91.7	92.4		32.4
GE	300	76.9	30.5	83.8	36.1	39.0	27.7	90.2	91.4	91.5	93.1	93. 9	93.8	93.0
GE	700	76.9	₹0.5	93.9	36.3	99.2	90.1	90.6	91.9	92.2	93.4	94.5	94.5	44.7
GE	500	76.9	30.5	84.1	36.7	99.3	90.8	91.3	92.6	93.0	94.5	95.5	95.5	95.7
3E	500	76.9	80.6	34.2	36.8	90.0	91.0	91.8	23.4	93.9	95.7	96.9	96.7	97.1
GΞ	400	76.9	90.5	84.2	35.3	90.0	91.3	92.2	94.0	94.5	96.3	97.6		4-5.
GE	300	76.9	30.5	84.3	36.9	90.1	91.6	92.5	74.3	94.9	96.7	98.4	98.4	•ુ વ•ુ લ
GE	200	76.9	₹0.6	44.3	86.9	90.1	91.6	92.5	94.4	95.0	96.9	99.5		39.1
GE	100	76.9	30.6	94.3	86.9	90.1	91.6	92.5	94.4	95.0	96.8	99.6	98.6	33.1
GE	000	76.9	80.5	34.3	P6.9	93.1	91.6	92.5	94.4	95.0	95.8	98.5	93.5	33.1

TOTAL NUMBER OF DESERVATIONS 1011

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

.7 61.9 61.8 61.8 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62.0	3/8 1	GE GE ./4 0
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27 42.0 42.0 42.0 42.0 42.0 42.0 42.0 42.0	•••••	./4 0
.4 50.9 60.9 <	42.0 4	
.4 50.9 60.9 <	42.0 4	
.3 51.4 <		2.0 42.0
.9 51.4 51.6 52.6 52.6 52.6 52.6 52.6 52.6 52.6 57.9 57.9 57.9 57.9 57.9 <	50.9 5	0.9 50.9
.1 52.6 53.6 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 53.9 <	-	51.4
.1 53.6 53.6 53.6 53.6 53.6 53.6 53.6 53.6	51.4 5	51.4 51.4
.1 53.6 53.6 53.6 53.6 53.6 53.6 53.6 53.6		2.4 52.6
57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9	53.5	53.6
.3 57.9 62.0 <	57 . 8 5	7.3 57.5
.7 61.9 61.8 61.8 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62.0	57.9 5	57.9 57.9
63.7 63.7 63.7 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9	62.0 6	2.0 62.0
.7 55.4 55.5 65.7 55.9 65.9 65.9 65.9 65.9 65.9 65.7 55.9 65.7 66.7 66.7 66.7 66.7 66.7 65.7 .5 63.2 56.4 55.6 56.8 68.8 68.8 68.8 68.8 68.8 68.8	62.9 5	2.4 62.8
.9 55.2 56.3 55.5 66.7 66.7 66.7 66.7 66.7 65.7 .5 63.2 58.4 58.6 58.8 68.8 68.8 68.8 68.8 58.8 .1 59.5 69.1 69.3 69.5 69.5 69.7 69.7 69.7 59.7 71.5 72.0 72.2 72.4 72.4 72.6 72.6 72.6 72.7 72.7 71.5 73.3 73.3 74.1 74.3 74.3 74.5 74.5 74.5 74.5 74.6 .7 77.1 77.5 77.9 78.2 78.3 78.5 78.5 78.5	63.0 6	3.9 53.9
.9 55.2 56.3 55.5 66.7 66.7 66.7 66.7 66.7 65.7 .5 63.2 58.4 58.6 58.8 68.8 68.8 68.8 68.8 58.8 .1 59.5 69.1 69.3 69.5 69.5 69.7 69.7 69.7 59.7 71.5 72.0 72.2 72.4 72.4 72.6 72.6 72.6 72.7 72.7 71.5 73.3 73.3 74.1 74.3 74.3 74.5 74.5 74.5 74.5 74.6 .7 77.1 77.5 77.9 78.2 78.3 78.5 78.5 78.5	55.9 5	5.9 55.9
.5 63.2 68.4 64.6 68.8 68.8 68.8 68.8 68.8 68.8	55.7 5	55.7 55.7
.1 65.5 69.1 69.3 69.5 69.5 69.7 69.7 69.7 59.7 71.5 72.0 72.2 72.4 72.4 72.6 72.6 72.6 72.7 .1 73.3 73.3 74.1 74.3 74.3 74.5 74.5 74.5 74.6 .7 77.1 77.5 77.9 78.2 78.3 78.5 78.5 78.5 78.5		6.3 5F.A
71.5 72.0 72.2 72.4 72.4 72.6 72.6 72.6 72.7 .1 73.3 73.3 74.1 74.3 74.3 74.5 74.5 74.5 74.6 .7 77.1 77.5 77.9 78.2 78.3 78.5 78.5 78.5 78.5	69.7 5	9.7 69.7
.7 77.1 77.5 77.9 74.2 73.3 78.5 78.5 78.5 78.6	72.7 7	12.7 72.7
.7 77.1 77.5 77.9 74.2 78.3 78.5 78.5 78.5 78.5	74.5 7	74.6 74.5
	73.6 7	75.5
77.3 78.4 75.7 79.3 79.4 79.6 79.6 79.6 79.7	79.7 7	79.7
93.1 H3.9 84.1 34.9 85.1 85.4 85.8 85.8 35.9	85.9	85.9 A5.9
. ୩୨.୪ ଜନ.୪ ୩୪.୪ ୩ ୮. ୪ ୧ ୮. ୫ ୧୩.1 ୨୫.5 ୫୫.5 ୫୫.6	яв.6 я	18.6 AF.6
87.7 Fd.4 83.8 39.9 90.1 91.2 91.9 91.9 92.0	92.0 9	92.0
. #3.0 36.7 P9.2 30.4 90.6 91.7 92.4 92.4 92.5	92.5 9	92.5
.1 89.0 89.7 90.2 91.4 91.5 93.1 93.8 93.8 93.9	93.9 9	3.9 93.9
. 1 33.2 30.1 90.6 91.8 92.2 93.3 94.5 94.5 94.7	34.7	14.7 94.7
.1 39.2 90.1 90.6 91.8 92.2 93.3 94.5 94.5 94.7 .7 39.3 90.8 91.3 92.6 93.0 94.5 95.5 95.5 95.7	95.7 9	95.9 95.8
90.0 91.0 91.8 93.4 93.9 95.7 96.9 96.9 97.1	97.1 9	7.4 97.4
. 1 93.0 91.3 92.2 94.0 94.5 96.3 97.6 97.6 98.0		H.4 98.4
. 70.1 91.6 92.5 34.3 94.9 96.7 98.4 98.4 98.9		9.6 99.6
./ 70.1 91.6 92.5 94.4 95.0 96.8 98.5 98.6 99.1	-	99.8
· · · 90.1 91.6 92.5 94.4 95.0 96.8 98.6 98.6 99.1	99.1 9	99.8
./ 90.1 91.6 92.5 94.4 95.0 96.8 98.6 98.6 99.1	99.2 9	9.9 100.0

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBER FROM HOURLY OBSERVATIONS

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ST	N POITE	IUMBER:	726436	LST	TO UTC						PERIOD OF RECORD: AUG MONTH: JAN HOURS: 15-				
***		• • • • • •	• • • • • • • •	• • • • • • •	•••••		urctati f	TV IN	CTATISTE	MILEC	•••••	• • • • • •	• • • • • • • •	• • • • •	
	ILING	~ =	66	6.5			AISIBILI				~ C C		c c	_	
	Ita	GΞ	GÉ	GE	GE	GE	GF	GE	5F	GE	GĘ	GE	GE	Ç	
E.	EET	7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/3	1/	
													• • • •		
NO	CEIL	39.3	39.8	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	45	
35	20000	44.9	46.2	45.9	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47	
CE	18000	45.2	46.4	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47	
SE	15000	45.3	46.6	47.3	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47	
GE	14000	46.0	47.3	48.2	43.4	43.4	48.4	49.5	48.5	43.5	48.5	48.5	48.5	43	
GE	12000	47.0	49.2	49.2	49.3	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49	
GE	10000	52.5	54.0	54.9	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55	
ĞΕ	2000	53.4	54.8	55.3	56.0	55.0	56.0	56.2	56.2	55.2	55.2	56.2		55	
GE	3000	58.2	59.9	51.0	51.3	61.5	51.5	51.7	62.0	62.0	52.0	62.0		52	
GE	7000	58.8	50.4	51.5	61.6	62.1	62.1	52.2	62.5	62.5	62.5	62.5		62	
GE	5000	59.5	01.3	52.4	52.6	53.0	53.0	53.2	53.5	63.5	63.5	63.5		53	
•		,,,,	0	J	3210	3,40	,,,,,	/ - • •	,,,,	0.20	0 , 1	3,4		, ·	
SE	5000	62.0	63.5	54.3	65.5	55.9	55.9	65.2	66.5	65.5	56.5	66.5	66.5	5.5	
38	4500	62.4	54.4	55.7	56.3	65.9	66.9	67.2	67.6	57.5	57.6	67.5	67.5	57	
Sξ	4000	63.9	55.5	55.8	57.5	63.1	68.4	65.7	69.1	69.1	59.1	69.1	69.1	64	
GE	3500	64.0	65.7	66.9	07.7	69.3	58.5	68.8	69.2	69.2	69.5	69.5		53	
GE	3000	05.1	56.9	58.3	54.5	70.3	70.5	70.9	71.7	71.7	72.0	72.0	72.0	72	
GE	2500	67.5	59.4	70.0	72.3	73.1	73.4	73.6	74.5	74.5	74.9	74.9	74.9	74	
GE GE			73.2	70.9	75.5	77.6	78.0	79.4	79.5	79.7	79.9	79.9		74	
););	2000). 1800	. 71.0 72.0	74.5	75.0 76.3	78.7	77.7	30.1	30.5	91.7	31.9	32.1	32.1		6.3	
GE	1500	75.0	78.0		83.7		25.0		37.0			47.9		., 7	
				31.2		94.5		35.6		97.1	87.4 90.5	-		4.7	
ůĘ	1200	76.0	79.1	83.0	45.9	87.1	97.5	49.3	99.7	39.8	90.5	90.5	90.5	· ·	
GF	1000	76.0	79.1	33.2	85.7	33.0	95.6	59.4	90.9	91.1	91.9	92.0	92.0	92	
SE	3 00	76.0	79.1	33.2	56.3	93.3	88.9	89.8	91.3	91.5	92.3	92.4		9.2	
GE	606	76.5	79.9	34.1	37.3	37.8	70.5	91.6	93.1	93.3	74.8	94.9	94.9	95	
GE	700	76.5	79.9	84.2	87.9	90.0	90.7	91.9	93.5	93.5	95.3	95.5	95.5	95	
GE	600	76.6	79.9	84.2	80.2	90.2	91.2	92.9	94.8	95.1	96.6	96.7		97	
SE	500	76.6	79.9	34.2	93.2	90.4	91.5	93.4	35.3	95.6	97.3	97.4		9.8	
GĒ	400	76.6	79.9	84.3	88.3	90.5	91.5	94.0	95.9	96.2	97.9	99.1		33	
GΞ	300	76.5	80.1	34.5	99.5	90.7	91.3	94.1	95.0	95.3	98.1	98.2		9.9	
GE	200	76.5	80 .1	84.5	53.5	90.7	91.8	94.1	96.0	96.3	98.1	98.4		20	
ĠΞ	100	76.6	80.1	34.5	35.5	90.7	91.8	94.1	96.0	96.3	39.1	98.4	98.4	93	
GE	200	76.5	80.1	34.5	38 . 5	90.7	91.3	94.1	95.0	96.3	98.1	98.4	98.4	. Q Q	
- • •	<u> </u>														

TOTAL NUMBER OF DASERVATIONS 728

PROCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

745 : : +		K FLO AN	IGS WI			MONTH:		HOURS:		JUL 88		•••••	
1	7.5	VISIBILI GE	TY IN SE	STATUTE OF	GE	GE	GE	GE	G E	GE	úΕ	GE	
۲	3	2 1/2		1 1/2	1 1/4	1	3/4	5/8		3/3	1/4	0	
• • •	• • • •	• • • • • • •	• • • • • •	•••••	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • •	
. 4	7.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	46.2	
. 4	7.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
4	7.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	
	7.4		47.5	47.5			47.5	47.5	47.5	47.5	47.5	47.5	
4	1.4		44.5	48.5			48.5		48.5				
4	1.3	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	
, 5	5.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	
5	o.0	55.0	56.2	55.2	55.2	55.2	56.2	56.2	56.2			56.2	
า	1.5	51.5	61.7	62.0	62.0	52.0	62.0	52.0	52.0	52.0	62.0	62.0	
5.	2.1	62.1	52.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	
- 4	3.3	53.0	53.2	53. 5	53.5	63.5	63.5	63.5	63.5	63.5	63.5	63 ∙5	
, 5.	5.9	55.9	65.2	66.5	65.5	55.5	66.5	65.5	66.5	55.5	55.5	25.5	
	5.9	66.9	67.2	67.5		57.5	67.5	67.6	67.0	67.6			
: 5	3.1	58.4	55.7	69.1		69.1	69.1	59.1	69.1		59.1		
,	4.3	58.5	68.8	69.2	69.2	69.5	59.5	69.5	69.5	69.5	59.5	59.5	
' '	2 . 3	70.5	70.9	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.)	72.0	
7	3.1	73.4	73.5	74.6	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
	7.6		79.4	79.5		79.9	79.9	79.9	79.9				
	7.7	30.1	80.5	81.7	81.9	32.1	32.1	32.1	92.1	32.1	52.1	82.1	
	4.5	25.0	35.5	37.0	87.1	87.A	87.8	67.9	87.9		27.0		
;	7.1	97.5	49.3	89 .7	39.8	90.5	90.5	90.5	90.8	ეე.∂	90.3	90.9	
,	4.0	95.6	59.4	73.9	91.1	91.9	92.0	92.0	92.3	92.3	92.3	92.3	
	3.3	88.9	59.8	91.3	91.5	92.3	92.4	92.4	92.7		42.7		
	3.5	70.5	91.6	93.1	93.3	94.8	94.9	94.9	95.2		95.2	95.2	
	0.0	90.7	91.9	93.5	93.8	95.3	95.5	95.5	95.7				
3	J.2	91.2	92.9	94.8	95.1	96.6	96.7	96.7	97.3	97.5	97.5	97.5	
· 5	3.4	91.5	93.4	35.3	95.6	97.3	97.4	97.4	98.1	98.4	93.5	98.5	
	1.5	91.5	94.0	95.9	95.2	97.9	99.1	98.1	99.9	99.2	99.3	99.3	
	2.7	91.3	94.1	95.0		98.1	98.2	98.2				99.6	
	7.7	_	74.1	96.0	96.3		98.4		99.3			99.9	
	J. 7	91.3	94.1			29.1	98.4	98.4	99.5		105.0	100.5	
•	3.7	91.1	94.1	95.0	96.3	98.1	98.4	98.4	99.5	99.7	100.0	100.0	

OPERATING LOCATION "A"
ON SHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI CHOITAVRESEC YJRUCH MCFF

			726435	LST	TO UTC	+ 6					HINDH:	ICH MAL	JRD: AU JRS: ALL
	ILING	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		* * * * * * * * * * * * * * * * * * *	STATUTE	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	• • • • • •	• • • • • •	• • • • • • •
	IN	GE	GF	GE	GE		GE GE	GE .	GE	GE GE	GE	GE	GF.
	EET	7	5 5	5	4	3	2 1/2	2	1 1/2	1 1/4	l	3/4	
	••••										_		,,,,
• •								••••		•••••		,	
NO	CEIL	39.2	39.9	40.5	41.0	41.3	41.3	41.5	41.5	41.5	41.5	41.6	41.6
SE	20000	45.7	46.7	47.6	45.1	43.6	48.6	43.9	49.0	49.0	49.0	49.1	49.1
GE	12000	46.1	47.1	49.1	43.5	49.0	49.0	49.4	49.4	49.4	49.4	49.5	49.5
GE	15000	46.1	47.1	48.1	48.5	49.0	49.0	49.4	49.4	49.4	49.5	49.6	49.5
	14000	47.3	48.3	49.4	49.8	50.3	50.3	50.6	50.7	50.7	50.7	50.8	50.8
GE	12000	49.3	49.4	50.5	50.9	51.4	51.4	51.8	51.8	51.8	51.3	51.9	51.9
	10000	52.7	53.9	54.9	55.4	56.0	56.0	55.4	56.4	56.4	56.5	56.5	56.6
G E	9000	53.0	54.2	55.2	55.7	55.2	56.3	56.6	55.7	55.7	55.7	56.€	56.8
GÉ	8000	56.6	58.0	59.1	59.5	60.3	60.3	60.8	50.9	60.9	61.0	51.1	61.1
GE	7000	57.2	58.6	59.8	60.3	61.0	61.2	51.5	61.8	61.9	61.3	61.9	61.9
GE	6000	58.5	50.0	61.3	61.9	62.6	62.7	63 . I	63.3	53.3	63.4	63.5	63.5
GE	5000	60.1	61.7	63.0	63.6	54.4	64.7	65.2	55.4	65.4	65.4	65.5	65.5
SE	4500	60.3	62.4	53.8	64.4	65•2	65.5	65.0	05.2	56.3	66.3	66.4	65.4
GE	4000	52.0	53.3	65.4	06.1	56.9	57.3	67.9	69.1	68.1	68.1	63.2	68.2
SE	3500	52.5	64.2	65 · B	55.5	67.5	57.9	68.4	68.6	68.6	68.8	68.9	68.9
GΕ	3000	63.5	55.6	67.4	68.6	69.8	70.3	70.9	71.2	71.2	71.4	71.5	71.5
35	2500	65.2	57.4	59.3	70.7	71.9	72.5	73.1	73.5	73.5	73.7	73.9	73.9
35	2000	58.5	70.9	73.1	74.5	75.9	76.5	77.3	77.9	78.0	78.2	78.5	79.5
GE	1800	69.1	71.5	73.9	75.4	76.9	77.5	78.3	79.1	79.2	79.5	79.7	79.7
GE	1500	72.0	74.9	77.3	79.7	91.5	P2.2	83.1	84.2	34.4	84.4	35.2	85.2
GE	1200	73.1	76.3	79.8	81.9	83.9	84.7	85.8	87.0	87.1	87.5	39.1	99.1
GE	1000	73.7	77.2	80.9	33.3	85.5	86.5	37.9	69.1	39.2	90.1	90.3	90.8
GE	900	73.9	77.4	81.1	93.6	86.2	87.1	83.3	89.6	39.3	90.7	91.3	91.3
GE	COF	74.6	73.1	31.9	54.4	87.2	89.1	89.4	90.9	91.0	92.3	93.0	93.0
GE	700	74.6	78.2	92.1	84.5	87.5	88.4	99.9	71.4	91.7	93.1	93.9	93.3
GΕ	500	74.7	7º.2	82.2	35.0	97.9	वन ः 1	30.7	92.4	92.6	94.0	94.9	94.9
SE	500	74.7	76.3	82.4	85.2	83.2	59.4	91.4	93.2	93.5	95.2	96.3	96.3
GΞ	400	74.7	78.3	32.4	85.3	83.4	59.7	91.9	93.8	94.1	95.9	97.0	97.1
GE	300	74.7	73.4	82.5	85.3	39.5	89.9	92.1	94.0	94.3	96.2	97.7	97.7
GΕ	200	74.7	78.4	82.5	85.3	83.5	89.9	92.1	94.0	94.4	96.3	97.9	97.9
GE	100	74.7	73.4	32.5	85.3	89.5	89.9	92.1	94.0	94.4	96.3	97.9	97.9
GE.	000	74.7	73.4	82.5	85.3	33.5	89.9		94.0	94.4	96.3	97.9	7 7

PROFITAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

+ 6	C FLO AN				:PTNOM	CH MAL	JRD: AL	L				
,	VISIBILI	TY IN	STATUTE		•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	
3£	GE	ĞΞ	GE	GE	GE	GE		GE	GE	3E	GE	
- 3		2		1 1/4	1	3/4	5/3	1/2	3/8	1/4	. 0	
	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
41.3	41.3	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.5	41.5	41.7	
43.5	48.6	44.9	47.0	49.0	49.0	49.1	49.1	49.1	49.1	49.2	49.2	
47.0	49.0	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.7	
47.0	49.0	49.4	49.4	49.4	49.5	49.6	49.5	49.6	49.5	49.7	49.7	
50.3	50.3	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.9	51.0	
51.4	51.4	51.8	51.3	51.8	51.3	51.9	51.9	51.9	51.9	52.3	52.1	
! 55•€	56.0	56.4	56.4	56.4	56.5	56.6	56.6	56.6	56.6	50.5	56.7	
55,2	56.3	56.6	55.7	55.7	55.7	56.8	56.8	56.3	56.8	56.9	56.)	
50.3	60.3	60.8	50.9	60.9	61.0	51.1	61.1	61.1	61.1	61.2	61.2	
41.0	61.2	51.5	61.3	61.3	61.3	61.9	61.9	51.9	61.9	52.0	62.0	
12.5	62.7	63.1	63.3	53.3	63.4	63.5	63.5	63.5	53.5	53.5	63.6	
54.4	54.7	65.2	55.4	65.4	65.4	65.5	65.5	65.5	65.5	05.6	65.5	
03.2	55.5	65.0	55.2	56.3	56.3	66.4	65.4	66.4	56.4	66.5	66.5	
55.9	57.3	67.9	69.1	69.1	68.1	53.2	68.2	53.2	63.2	58.3	66.4	
57.5	57.9	58.4	68.5	63.6	68.8	68.9	68.9	58.9	68.9	59.3	59.1	
53.3	70.3	70.9	71.2	71.2	71.4	71.5	71.5	71.6	71.5	71.5	71.7	
71.9	72.5	73.1	73.5	73.5	73.7	73.9	73.9	73.9	73.9	74.0	74.0	
75.9	76.5	77.3	77.9	73.0	78.2	76.5	79.5	78.5	78.5	76.6	70.0	
75.)	77.5	78.3	79.1	79.2	73.5	79.7	79.7	79.F	79.3	79.9	79.9	
11.5	d2.2	83.1	94.2	84.4	84.0	85.2	85.2	35.3	85.3	85.4	35.4	
-3.9	84.7	85.8	87.0	37.1	87.5	39.1	39.1	38.2	88.2	48.3	86.3	
45.≴	36.5	87.3	89.1	39.2	90.1	90.3	90.8	90.9	90.9	91.1	91.1	
85.2	H7.1	83.3	89.6	39.8	90.7	91.3	91.3	91.5	91.5	91.7	91.7	
7.2	89.1	89.4	90.9	91.0	92.3	93.0	93.0	93.2	93.2	93.3	93.4	
07.5	88.4	99.9	71.4	91.7	93.1	93.9	93.8	94.1	94.2	94.3	94.4	
07.9	99.1	90.7	92.4	92.6	94.0	94.9	94.9	95.3	95.3	75.5	95.6	
33.2	59.4	91.4	93.2	93.6	95.2	96.3	96.3	96.7	96.7	97.1	97.1	
44.4	59.7	91.9	93.8	94.1	95.9	97.0	97.1	97.6	97.6	98.0	98.1	
33.5	99.9	92.1	94.0	94.3	96.2	97.7	97.7	74.4	98.5		99.1	
83.5	39.9	92.1	94.0	94.4	95.3	97.9	97.9	98.7	98.8	99.4	99.5	
43.5	89.9	92.1	94.0	94.4	96.3	97.9	91.9	98.8	99.0	99.7	99.8	
+3.5	89.9	92.1	94.0	94.4	96.3	97.9	97.9	98.9	99.1		100.0	

OPERATING LOCATION MAM USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIS FROM HOURLY OBSERVATIONS

ST	ATION N	NUMBER:	726436		TO UTC		K FLD AN	GB AI			PERIOD MONTH:		DRD: A	
• •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	VISIBILI	TV IN	 CTATHTE	MTIEC	• • • • • • •	• • • • • • •	• • • • • • •	• • • •
	ILING		c.=						GE	GE	CE	¢ c	6.5	
	IN	GE	GĘ	GE	GE	GE	GE	GE			GĘ	GE	GE	. !
F	EET	7	6	5	4	3	2 1/2	. 2	1 1/2	1 1/4	1	3/4	5/8	1.
• •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • •
NO	CEIL	36.1	38.3	40.3	41.0	41.9	41.9	42.5	42.7	43.0	43.0	43.4	43.4	41
GE	20000	41.0	43.8	45.3	47.1	43.0	43.2	45.9	49.1	49.3	49.3	49.8	49.8	41
	18000	41.2	44.1	46.5	47.4	43.2	48.5	49.1	49.3	49.6	49.6	50.0	50.0	5
	16000	41.2	44.1	46.5	47.4	43.2	48.5	49.1	47.3	49.5	49.6	50.0	50.0	5.
	14000	41.4	44.3	46.7	47.6	43.5	48.7	49.3	49.6	49.8	49.9	50.2	50.2	5
	12000	42.3	45.4	47.8	48.7	49.6	49.8	50.4	50.7	50.9	50.9	51.3	51.3	5
0.	12000													•
GE	10000	46.3	49.3	52.2	53.1	54.0	54.2	54.8	55.3	55.5	55.5	55.9	55.9	5
ĞĒ	9000	46.7	50.2	52.6	53.5	54.4	54.6	55.3	55.7	55.9	55.9	56.4	56.4	5
ĞĘ	9000	47.3	51.5	54.3	55.7	56.6	56.3	57.7	53.1	58.4	58.4	58.8	58.6	5
GE	7000	49.1	53.3	56.6	57.5	59.4	58.6	59.7	60.1	60.4	60.4	60.8	50.9	5
GE	6000	50.2	54.4	57.7	53.6	59.5	59.7	60.8	51.2	61.5	61.5	61.9	61.9	5
										•••				-
GE	5000	51.5	55.7	59.3	50.4	61.2	51.5	52.5	53.0	53.2	63.2	63.7	63.7	5
GF	4500	51.3	55.0	59.5	60.5	51.5	61.7	62.8	53.2	63.4	63.4	63.9	63.9	5
SE	4000	52.9	57.3	60.8	61.9	62.8	63.0	64.1	54.5	64.8	54.8	65.2	65.2	6
GE	3500	52.9	57.7	61.7	62.4	63.7	53.9	55.0	65.4	55.6	65.5	66.1	66.1	5
ĞĒ	3000	54.6	59.7	64.1	65.2	56.3	66.7	58.1	68.5	63.7	68.9	69.4	69.4	5
		•												-
SE.	2500	56.8	52.5	57.0	58.1	69.2	59.5	70.9	71.4	71.6	71.8	72.2	72.2	7
GE	2000	59.3	65.6	70.5	72.2	74.4	74.9	75.7	77.1	77.3	77.5	78.0	78.0	7
G E	1800	60.1	56.5	71.4	73.1	75.3	75.B	77.5	75.0	78.2	78.4	7ë.9	78.9	7
GE	1500	62.3	59.7	74.2	76.0	79.2	78.9	30.6	81.1	81.3	81.5	82.2	82.2	3
GE	1200	63.0	69.4	74.9	76.7	79.1	79.7	31.5	81.9	32.2	82.5	83.3	83.3	3
SE	1000	63.9	70.9	76.9	76.5	81.1	31.9	84.1	35.0	35.2	d5.9	37.0	87.0	ö
SE	900	63.9	71.4	77.3	79.7	82.2	93.0	85.2	85.1	86.3	37.4	88.5	88.5	8
SE	300	64.1	71.6	78.0	80.0	82.8	84.1	36.3	87 .7	B7.9	89.0	90.3	90.3	9
SE	700	64.1	71.8	7H.2	80.4	33.3	84.8	97.9	99.0	89.2	90.5	92.3	92.3	4
GE	600	64.5	72.2	7â.5	90.3	84.1	95.9	89.0	93.3	90.5	91.9	93.6	93.6	9.
G.E	500	64.5	72.2	78.6	80.3	34.1	86.3	89.9	91.2	91.4	93.4	95.4	95.6	9.
GE	400	64.5	72.2	78.5	80.8	84.1	86.3	89.9	91.2	91.4	93.6	95.6	95.8	9
SE	300	64.5	72.2	78.6	80.3	84.1	36.3	89.9	91.2	91.4	94.1	96.3	95.5	9
GE	200	64.5	72.2	78.6	80.8	A4.1	86.3	39.9	91.2	91.4	94.1	96.3	96.5	9
GE	100	64.5	72.2	73.6	80.8	84.1	86.3	89.9	91.2	91.4	94.1	96.3	96.5	ġ
GE	000	64.5	72.2	78.6	40.3	84.1	86.3	89.9	91.2	91.4	94.1	96.3	96.5	9
• • •	• • • • •	• • • • • •	• • • • • • •					• • • • • •	• • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

TY

1:		FLD AN	GB AI			MONTH:	FES (HOURS:	JG 73 - 05-08	JUL PA	•		
. t		ISIBILI	TY IN	STATUTE		•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	
	Ė 3	GE 2 1/2	GE 2	GE	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/9	SE 1/4	GE 0	
ŀ	• • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	
41	. 9	41.9	42.5	42.7	43.0	43.0	43.4	43.4	43.4	43.5	43.5	43.8	
43	• 0	43.2	45.9	49.1	49.3	49.3	49.P	49.8	49.3	50.0	50.0	50.2	
1 43	. 2	48.5	49.1	49.3	49.6	49.6	50.0	50.0	50.0	50.2	50.2	50.4	
4 3		48.5	49.1	49.3	49.5	49.6	50. 0	50.0	50.0	50.2	50.2	50.4	
44		48.7	49.3	49.6	49.8	49.3	50.2	50.2	50.2	50.4	50.4	50.7	
47	• 6	49.8	50.4	50.7	50.9	50.9	51.3	51.3	51.3	51.5	51.5	51. 8	
54.	• 0	54.2	54.8	55.3	55.5	55.5	55.9	55.9	55.9	56.2	50.2	56.4	
54.	. 4	54.6	55.3	55.7	55.9	55.9	56.4	56.4	56.4	56.6	56.6	56.8	
55	• 6	56.3	57.7	53.1	58.4	58.4	58. 3	58.5	58.8	59.0	59.0	59.3	
53.		58.6	59 .7	60.1	60.4	60.4	60.8	50.8	50.8	61.0	51.0	61.2	
59.	• 5	59.7	60.9	51.2	61.5	61.5	61.9	61.9	51.9	62.1	52.1	62.3	
51.	. 2	51.5	52.5	53.0	53.2	63.2	63.7	63.7	53.7	63.9	63.9	64.1	
51.		61.7	62.8	53.2	63.4	63.4	63.9	63.9	63.9	64.1	54.1	64.3	
52		63.0	64.1	54.5	64.8	64.8	65.2	65.2	65.2	65.4	65.4	65.6	
- 53.	. 7	53.9	65.0	65.4	55.6	65.5	66.1	66.1	66.1	66.3	66.3	66.5	
55.	. 3	66.7	68.1	68.5	63.7	68.9	69.4	69.4	59.4	69.6	69.6	59.8	
53,	. 2	59.5	70.9	71.4	71.6	71.8	72.2	72.2	72.2	72.5	72.5	72.7	
74	. 4	74.9	75.7	77.1	77.3	77.5	78.0	78.0	78.0	78.2	73.2	70.4	
75		75.B	77.5	79.0	78.2	78.4	78.9	78.9	78.9	77.1	79.1	79.3	
7 ⅓		78.9	30.6	81.1	81.3	81.5	82.2	82.2	32.2	32.4	R2.4	32.6	
79	. 1	79.7	31.5	31.7	32.2	82.5	83.3	83.3	33.5	93.7	93.7	93.9	··· -
31	. 1	31.9	84.1	85.0	35.2	85.9	87.0	87.0	87.7	87.9	98.1	83.3	-
32		93.0	85.2	86.1	86.3	37.4	88.5	88.5	89.4	89.6	39.9	90.1	
32.	. 8	84.1	86.8	87.7	87.9	89.0	90.3	90.3	91.2	91.4	91.5	91.9	
33		94.8	87.9	99.0	89.2	90.5	92.3	92.3	93.2	93.4	93.5	93.8	
84	. 1	95.9	89.0	90.3	90.5	91.9	93.6	93.6	94.5	94.7	94.9	95.2	
34	-	86.3	89.9	91.2	91.4	93.4	95.4	95.6	96.5	96.7	96.9		
9.4		86.3	89.9	91.2	91.4	93.6	95.6	95.8	96.9	97.1	97.4	97.6	
84		86.3	89.9	91.2	91.4	94.1		95.5	98.5	98.7	99.3	99.6	
24		86.3	39.9	91.2	91.4	94.1	96.3	96.5	98.7	98.9	99.6	99.8	
84	• 1	36.3	89.9	91.2	91.4	94.1	96.3	96.5	98.7	98.9	99.6	99.8	
34	. 1	86.3	89.9	91.2	91.4	94.I	96.3	96.5	98.7	98.9	99.8	100.0	

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS

STATION N	IUMBER:		LST	TO UTC	+ 6		GS WI			PERIOD MONTH:		ORD: AUC
6571.746	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	•••••		TV IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • • •
CEILING	e.	6.5		6.5	GE '	GE	35	3141016 35	GE	GF	GE	Gc
IN	GE	GE	GE	GE			35		1 1/4	1	3/4	5/8
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	7/7
• • • • • • • •	•••••	• • • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • •
NO CEIL	34.7	36.7	38.0	39.1	39.8	39.8	39.8	39.9	39.9	39.9	39.9	40.0
SE 20000	44.0	46.8	48.3	49.5	50.2	50.4	50.5	50 .7	50.7	50.7	50.7	50. 8
GE 18000	44.3	47.3	43.8	50.0	50.7	50.9	51.0	51.2	51.2	51.2	51.2	51.3
GE 16000	44.3	47.3	43.8	50.0	50.7	50.9	51.0	51.2	51.2	51.2	51.2	51.3
GE 14000	44.5	47.5	49.0	50.2	50.9	51.2	51.3	51.5	51.5	51.5	51.5	51.6
GE 12000	45.0	48.4	49.9	51.3	52.0	52.4	52.5	52.7	52.7	52.7	52.7	52.6
00 12300	1,,00	,,,,,	,	,,,,	-240	, 2 4	,	, 2 4 ,	24.	, , , ,		
GE 10000	48.2	51.5	53.1	54.5	55.2	55.5	55.6	55.8	55.B	55.8	55.8	55.9
GE 9000	48.7	52.2	53.7	55.1	55.8	56.1	56.3	56.5	55.5	56.5	56.5	55.6
GE 3000	50.5	54.2	55.3	57.3	59.2	58.6	58.9	59.0	59.0	59.0	59.0	59.1
	52.4	56.3	57.9	59.3	60.2	60.7	61.0	51.2	61.2	61.2	61.2	61.3
SE 6000	52.9	57.1	58.7	60.1	61.1	61.6	61.9	62.1	52.1	62.1	62.1	62.2
36 0000	,,,,	J. .	<i>-</i> 7 • •	3341	7	,	(· • • ·	/ L	J		02.1	02.12
GE 5000	54.5	58.8	60.7	52.2	63.1	63.0	63.9	64.1	64.1	54.1	64.1	64.2
SE 4500	54.7	59.1	51.0	52.5	63.4	63.9	54.2	54.5	54.5	54.5	54.5	04.7
GE 4000	55.4	59.8	61.9	53.4	64.4	55.1	65.4	65.7	65.7	65.7	65.7	65.a
GE 3500	55.7	50.2	62.5	64.0	55.1	55.7	66.0	66.3	66.3	66.4	56.4	56.5
GE 3000	56.9	61.5	64.0	65.5	65.8	67.4	58.2	58.5	63.5	68.6	58.5	63.8
						• .						
GE 2500	58.7	53.8	56.4	58.0	69.3	59.9	73.9	71.2	71.2	71.3	71.3	71.4
GE 2000	51.4	56.9	70.2	72.0	73.8	74.7	75.9	76.3	76.3	76.4	76.4	76.5
GE 1800	61.7	67.2	70.5	72.3	74.1	75.0	76.2	76.7	76.7	76.3	76.8	76.9
GE 1500	63.0	53.9	72.8	75.2	77.0	78.0	79.3	80.1	90.1	30.6	90.9	90.9
GE 1200	63.8	69.7	74.1	76.5	78.6	79.6	81.1	82.0	82.7	82.9	83.1	83.2
_					-			_				
GF 1000	64.4	70.5	75.2	77.8	80.1	31.9	34.2	35.1	35.1	36.4	86.6	96.7
GE 900	64.7	71.1	75.8	78.5	91.3	33.4	85.9	35.9	36.9	93.2	83.4	38.5
GE 800	64.8	71.7	76.4	79.2	82.2	84.3	56.9	88.0	33.0	59.7	90.4	90.5
GE 700	64.8	71.7	76.6	79.4	32.6	84.9	87.9	99.0	89.0	90.9	92.0	92.1
GE 600	65.5	72.4	77.4	80.2	84.1	96.6	89.8	91.4	91.4	93.5	94.7	94.3
GE 500	65.5	72.4	77.4	80.2	84.1	86.6	89.9	91.7	91.7	94.1	95.5	95.7
GE 400	65.5	72.4	77.4	50.2	84.1	86.7	90.1	92.2	92.3	94.8	90.3	97.0
GE 300	65.5	72.4	77.4	80.2	94.1	86.7	90.1	92.4	92.5	95.3	97.3	97.5
GE 500	65.5	72.4	77.4	80.2	94.1	96.7	90.1	92.4	92.5	95.3	97.3	97.5
GE 100	65.5	72.4	77.4	80.2	94.1	86.7	90.1	92.4	92.5	95.3	97.4	97.6
SE 000	65.5	72.4	77.4	80.2	84.1	86.7	90.1	92.4	92.5	95.3	97.4	97.6
••••••••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • • •		• • • • • •	• • • • •	• • • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

UTC	: + 6	K FLD A	NGB WI			PERIOD MONTH:	OF KEC	ORD: A	ÚG 73 - 09-11	JUL 89			
1	•••••	VISIBIL	ITY IN	STATUTE	MILES	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	
L	GE	GE	S€	GE.	GE	GE	GE	GÉ	GF	GF	j,¢	GE	
	3	GE 2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0	
·}			• • • • • • •				:. • • • • • • •			• • • • • •	• • • • • •		
1													
∄ '•1	39.8	39.8	39.8	39.9	39.9	39.9	39.9	40.0	40.0	40.1	40.1	40.3	
.	50.3	EO (50 F	.	50 B	50.7	50 7			50 3			
Ju. 5	50.2 5 3.7	50.4 50.9	50.5	50.7 51.2	50.7	50.7	50.7	50.8	50.5	50.9	50.9		
1.0	50.7	50.9	51.0 51.0	51.2	51.2 51.2	51.2	51.2	51.3	51.3		51.4		
1.2	50.9		51.3	51.5		51.2	51.2	51.3	51.3		51.4		
1.3							51.5	51.6	51.6			-	
1	72.0) Z • •	52.5	52.7	52.7	32.1	52.7	52.5	52. 3	52.9	52.9	53.1	
1	55.2	55.5	55.6	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.3	
1.1	55.8		55.3	55.5	56.5	56.5	56.5	56.6	56.6				
12.5	53.2		59.9	59.0	59.0	59.0	59.0	59.1	57.1				
12.3	50.2			51.2	61.2	61.2	61.2	61.3					
	51.1		61.9	62.1	52.1	62.1	62.1	62.2	62.2	62.3	62.3	52.5	
-1		-					OLV-	0272	,	,,,,	0200	.,,,	
	53.1	63.6	63.9	64.1	54.1	54.1	64.1	64.2	64.2	64.3	54.3	54.5	
1.5	63.4	53.9	54.2	54.5	54.5	54.5	54.5	64.7	54.7	64.8	64.8	65.0	
h 1.4	64.4	65.1	65.4	55.7	65.7	65.7	65.7	65.8	55.8		55.9	66 · Î	
	55.1		56.0	66.3	66.3	66.4	56.4	66.5	66.5	65.6	55.5		
1	05.9	57.4	58.2	58.5	63.5	68.6	68.6	63.8	63.8	58.9		59.1	
1			-										
* • • •	67.3	59.9	70.9	71.2	71.2	71.3	71.3	71.4	71.4		71.5	71.7	
ن و	73.8		75.9	76.3	76.3	76.4	76.4	76.5	76.5				
•	74.1		76.2	76.7		76.8	76.8	76.9	77.0			77.4	
1.2	77.0		79.3	80.1	99•1	30.6	80.8	80.9	31.0	81.1		31.4	
	73.5	79.6	81.1	82.0	82.0	82.9	83.1	83.2	93.3	83.4	43.4	33.6	
11.3	80.1	31.9	34.2	35.1	35.1	36.4	86.6	94 7	07 (37 3	- 7 2		
c		33.4	35.9	35.9	36.9			96.7	87.1				
•	12.2	84.3	56.9	88.0		88.2	88.4	38.5	86.9	89.0	59.1	59.3	
4	92.5		8 7.9	99.0	_	89.7		90.5	91.2				
`.2	94.1	36.6	89.6	91.4	91.4	90.9 93.5	92.0		92.8			_	
• (.441	10.0	9769	-1.4	71 • 4	70.0	94.7	94.8	95.5	95.6	95.7	95.0	
2.2	84.1	86.6	89.9	91.7	91.7	94.1	45.5	95.7	96.5	96.6	96.7	97.0	
. 2		36.7	90.1	92.2		94.8	96.3	97.0	98.1	98.2			
1.2	94.1	86.7	90.1	92.4	92.5	95.3	97.3	97.5	99.6	98.7	98.9	99.1	
1.2	94.1	26.7	90.1	92.4	92.5	95.3	97.3	97.5	98.6			99.2	
10.2	34.1	86.7	90.1	92.4	92.5		97.4		98.9			99.7	
_													
1.2	84.1	36.7		92.4								100.0	
• • • • •	• • • • • • •	• • • • • • •	*****	• • • • • • •	• • • • • •	• • • • • •		• • • • • • •			• • • • • •	• • • • • •	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILE FROM HOURLY OBSERVATIONS

			_	LST	TO UTC	: + 6	C FLD AN	GB WI			PERIOD MONTH:	FER	HOURS:	UG 73 12-14
	TI INC	• • • • •	• • • • • • •	• • • • • •	• • • • • •		VICIRII I		STATUTE	WILFS	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
	ILING In	GE	GE	GE	GE	GE	GF 41210177	SE .	SE	GF	GE	GE	GE	SF
	EST	7	6	5	4	3	2 1/2	2		1 1/4	I	3/4	5/8	1/2
	 		• • • • • • •			• • • • • • •					• • • • • • •			
• •		••••												
NO	CEIL	39.1	40.5	40.6	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41
GE	20000	48.7	50.9	51.0	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.
SE	18000	48.9	51.0	51.2	51.7	51.8	52.0	52.0	52.0	52.0	52.9	52.0	52.0	52
GE	16000	49.0	51.1	51.3	51.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.
GE	14000	49.5	51.6	51.8	52.4	52.5	52.6	52.6	52.5	52.0	52.6	52.6	52.6	52 •
GE	12000	50.0	52.2	52.4	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.
GE	10000	53.6	56.2	56.5	57.0	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.
GE	9000	54.)	56.6	56.9	57.4	57.6	57.7	57.3	57.3	57.8	5 7. 8	57.8	57.8	57.
GE	800D	55.9	53.5	59.1	59.3	60.3	60.4	60.5	50.5	50.5	50.5	60.6	60.6	60.
GE	7000	57.5	50.3	50.9	61.5	62.1	52.2	62.3	52.3	62.3	62.4	62.4	52.4	52.
GE	6000	58.4	61.3	51.9	62.5	63.1	63.2	53.3	63.3	63.3	63.4	63.4	63.4	53.
GĘ	5000	59.2	52.3	53.0	63.7	64.3	54.4	54.5	54.5	54.5	64.6	64.6	54.5	54.
GE	4500	60.1	63.2	64.0	54.6	65.2	55.3	65.4	55.4	65.4	65.5	65.5	65.5	o5.
35	4000	60.5	63.9	64.6	55.2	65.1	50.2	55.3	55.3	65.3	56.4	55.4	55.4	65.
GΞ	3500	60.7	64.2	04.9	65.5	66.4	66.5	55.6	56.5	66.6	66.7	66.7	66.7	55.
GE	3000	63.7	67.5	68.2	5 3.8	70.2	70.3	70.8	70.3	70.B	70.9	71.0	71.0	71.
GE	2500	65.5	69.4	70.2	70.9	72.4	72.6	73.3	73.3	73.3	73.4	73.5	73.5	73.
GE	2000	63.7	72.9	73.8	75.3	75.8	77.1	77.8	77.8	77.8	75.0	78.1	78.1	73.
GE	1300	69.1	73.4	74.5	76.1	77.7	78.0	73.7	73.7	78.7	79.0	79.1	79.1	79.
GF	1500	71.5	76.5	77.9	30.0	31.8	92.4	H3.2	93.4	83.4	84.2	84.3	94.3	34.
GE	1200	72.2	77.1	79.1	31.7	83.0	ਰ4•R	35.B	36.1	86.1	87.3	87.3	97.3	٩7.
GE	1000	73.1	73.5	31.2	94.4	87.3	39.1	91.0	21.6	91.6	92.4	92.9	92.8	93.
GE	700	73.4	79.0	81.7	35.2	83.1	90.0	91.9	92.6	92.7	93.5	93.9	93.9	94.
GF	300	73.4	79.2	32.0	35.5	39.5	90.5	92.4	93.3	93.4	94.3	94.7	94.7	95.
GE	700	73.5	79.4	82.3	85.3	85.4	90.9	92.8	94.1	94.3	95.3	95.9	95.9	35.
GE	600	73.5	79.4	32.3	35.7	87.1	91.4	93.3	95.1	95.2	96.4	97.1	97.2	97.
SE	500	73.5	79.4	92.3	95.9	89.1	91.5	93.6	95.4	95.5	96.5	97.5	97.6	95.
GE	400	73.5	79.4	82.3	85.9	99.1	91.5	93.7	95.7	95.8	97.1	98.2	98.3	75.
GE	300	73.5	79.4	92.3	35.9	39.1	91.6	93.7	95.9	96.0	97.4	93.5	93.3	99.
65	200	73.5	79.4	82.3	85.9	39.1	91.6	93.7	95.9	95.0	97.4	98.5	98.5	99.
ĢE	100	73.5	79.4	82.3	85.9	89.1	91.6	93.7	95.9	96.0	97.4	98.5	98.6	99.
GF	000	73.5	79.4	82.3	85.9	87.1	91.6	93.7	75.9	96.0	97.4	98.6	98.7	99.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

VISIBILITY IN STATUTE HILES GE GE GE GE GE GE GE			C FLD AN				PERIOD MONTH:	OF RECO	RD: AU	16 73 - 2-14	JUL BS			
VISIALITY INSTATUTE ALLES SE OF SE OF	1.000									• • • • • •	• • • • • •	•••••	• • • • •	
32 GF SE SE GF GF GF GF GF GF GF G	1	1	VISIBILI	TY IN	STATUTE	MILES			٠.	٠.	· -			
1.1 41.2 41.2 41.2 41.2 41.2 41.2 41.2 4	L.	c -	GF	SE	se	GF	GE	GE	GE	1/2	3/0			
1.1 41.2 41.2 41.2 41.2 41.2 41.2 41.2 4	[.	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/5	1/2	3/ 3			
1.1	1		• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •				
\$\begin{array}{cccccccccccccccccccccccccccccccccccc		41.1	61.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	
1.7 51.6 51.7 51.7 51.7 51.7 51.7 51.7 51.7 51.7		****	1200										c	
1.7 51.8 52.0 52.0 52.0 52.0 52.0 52.1 52.1 52.1 52.1 52.1 52.1 52.1 52.1	1.5	51.6	51.7	51.7	51.7	51.7	51.7							
52.0 52.1 52.1 52.1 52.1 52.1 52.1 52.1 52.1			52.0	52.0	52.0	52.0						52.0	22.0	
\$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.5					52.1	52.1	52.1	52.1						
						52.6	52.6	52.6						
1.2	- 9				53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	
1.4 57.6 57.7 57.3 57.3 57.8 57.8 57.8 57.6 57.3 57.3 57.3 57.3 57.4 57.5 57.3 57.3 57.4 57.5 57.6 57.6 57.5 57.3 57.4 57.5 57.4 57.5 57.4 57.5 57.4 57.5 57.4 57.5 57.4 57.5 57.4 57.5 57.4 50.6 60.7 60.7 50.7	! .	57 2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4		
50.3 60.4 60.5 50.5 50.5 60.5 60.6 60.6 60.6 60.6										57.8	57∙3	5 7. 5		
62.1 62.2 62.3 62.3 62.3 62.3 62.3 62.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4	i								50.6	60.5	60.5	60.6	50.6	
1.0 63.1 63.2 53.3 63.3 63.3 63.4 63.4 63.4 63.4 63.4 6										52.4	62.4	62.4	62.4	
7 04.3 54.4 54.5 54.5 54.5 54.5 54.5 64.6 64.6											63.4	63.4	63.4	
55.2 55.3 55.4 55.4 55.4 55.5 55.5 55.5 55.5		53.1	53.6	7343	03.5	05.	93.4	, ., • ·						
55.2 55.3 55.4 55.4 55.4 55.5 55.5 55.5 55.5	7	54.3	54.4	54.5	64.5	54.5	64.6	64.6	64.6	54.6				
66.1 50.2 55.3 55.3 66.3 66.4 66.4 66.4 66.4 66.4 66.4 66			-			55.4	55.5	65.5	65.5	65.5	65.5			
66.4 66.5 66.6 66.6 66.7 66.7 66.7 56.7 56.7	•						55.4	55.4	66.4	66.4	55 • 4			
7.0.2 70.3 70.8 70.8 70.8 70.9 71.0 71.0 71.0 71.0 71.0 71.0 72.4 72.6 73.3 73.3 73.3 73.4 73.5 73.7 73.7 72.7 73.7 73.7 76.6 77.1 77.8 77.8 77.8 77.8 77.8 77.8 77.8									66.7	55.7	55.7	56.7		
72.4 72.6 73.3 73.3 73.3 73.4 73.5 73.7 73.7 73.7 73.7 73.7 73.7 73.7										71.0	71.7	71.0	71.0	
72.4	•	1.7 . 2	1000	.0.										
76.6 77.1 77.8 77.8 77.8 77.8 78.0 78.1 78.1 78.1 78.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4	4	72.4	72.6	73.3	73.3	73.3	73.4	73.5	73.5					
1 77.7 78.0 73.7 79.7 79.7 79.0 79.1 79.1 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4						77.8	75.0	78.1	73.1	73.4		75.4		
31.8								79.1	79.1	79.4				
7 93.0 84.8 35.8 36.1 87.0 87.3 87.3 87.6 87.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 94.4 94.7 95.1 95.1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>84.3</td><td>94.3</td><td></td><td>84.6</td><td></td><td></td><td></td></t<>								84.3	94.3		84.6			
37.3 39.1 91.0 21.6 91.6 92.4 92.8 93.2 93.1								87.3	87.3	27.6	97. 6	97∙6	37.6	
33.1 90.0 91.9 92.6 92.7 93.5 93.9 93.9 94.4 94.4 94.4 94.4 94.4 94.4									22.2	02.2	22.2	02.3	03.2	
33.1 90.0 91.9 92.8 94.1 94.3 95.9 95.9 95.9 95.1 95.1 95.1 95.1 95.1		87.3												
39.5 90.6 92.4 93.3 93.4 94.3 94.7 94.7 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1	•	03•I	90.0											
39.1 91.4 93.3 95.1 95.2 96.4 97.1 97.2 97.5 97.6 97.7 97.7 97.7 97.7 97.7 97.7 97.7	• 7	39.5	90.0											
39.1 91.4 93.3 95.1 95.2 96.4 97.1 97.2 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5	• '	45.9	90.9											
39.1 91.5 93.7 95.8 97.1 98.2 93.3 96.9 98.9 99.2 99.3 39.1 91.6 93.7 95.9 96.0 97.4 93.5 98.6 99.2 99.5 99.6 39.1 91.5 93.7 95.9 96.0 97.4 98.5 98.6 99.3 99.3 99.5 99.7 39.1 91.6 93.7 95.9 96.0 97.4 98.5 98.6 99.3 99.3 99.7 39.1 91.6 93.7 95.9 96.0 97.4 98.5 98.6 99.5 99.5 99.8 99.9		B7.1	91.4	93.3	95.1	95.2	96.4	97.1	97.2	97.5	97,5	91.5	91.5	
39.1 91.6 93.7 95.9 96.0 97.4 93.5 98.6 99.3 99.5 99.6 3 99.1 91.6 93.7 95.9 96.0 97.4 93.5 98.6 99.3 99.3 99.5 99.7 3 99.1 91.6 93.7 95.9 96.0 97.4 93.5 98.6 99.3 99.3 99.5 99.7 3 99.1 91.6 93.7 95.9 96.0 97.4 98.5 98.6 99.5 99.5 99.8 99.9		A4_1	91.5	93.6	95.4	25.5	96.5	97.5	97.6	98.2	98.2	99.5	-	
39.1 91.6 93.7 95.9 96.0 97.4 93.5 99.6 99.2 99.5 99.6 39.1 91.6 93.7 95.9 96.0 97.4 98.5 98.6 99.3 99.3 99.5 99.7 39.1 91.6 93.7 95.9 96.0 97.4 98.5 98.6 99.5 99.5 99.8 99.9			_			-		98.2	93.3	95.9	99.9	99.2		
39.1 91.5 93.7 95.9 96.0 97.4 98.5 98.6 99.3 99.3 99.6 99.7 99.7 99.1 91.6 93.7 95.9 96.0 97.4 98.5 98.6 99.5 99.5 99.8 99.9		_									99.2	99.5	99.5	
39.1 91.6 93.7 95.9 36.0 97.4 98.5 98.6 99.5 99.5 99.8 99.9						_								
													99.9	
87.1 91.6 93.7 95.9 96.0 97.4 98.6 98.7 99.6 99.6 99.9 100.0	• '	77.1												
***************************************	1.9	87.1	91.6	93.7	75.9	96.0	97.4	98.6	98.7	99.6	99.6	99.9	100.0	
	• • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••		•••••	• • • • • • •	* * * * * * * * *	• • • • • • •	•••••	· · · · · · · · · · · · · · · ·

OPERATING LOCATION "A"
USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF DCCURRENCE OF CEILING VERSUS VI FROM HOURLY OBSERVATIONS

CELLING IN CE GE	STATION	NUMBER:	726435	LST	TO UTC	+ 6	(FLD AN				:HTMCM	EEB I	BRD: AU HOURS: I
The GE GE GE GE GE GE GE G	CETITUE	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •		TV IN		MILES	• • • • • • •	• • • • • • •	• • • • • • • •
NO CEIL 41.0 41.2 41.2 41.2 41.2 41.2 41.4 41.4 41.4		C C	Ċ.E	^ C	n.e	CE.					GE	CE	a.e
NO CEIL 41.0 41.2 41.2 41.2 41.2 41.4 41.4 41.4 41.4	_												
ND CEIL 41.0 41.2 41.2 41.2 41.2 41.2 41.4 41.4 41.4	-			-							_		
GF 20000 52.7 53.6 54.0 54.1 54.2 54.2 54.2 54.4 54.5 54.5 54.7 54.7 54.7 54.7 54.7			••••										
GF 15000 53.0 54.1 54.2 54.4 54.5 54.5 54.7	NO CEIL	41.0	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4
6F 15000 53.0 54.1 54.2 54.4 54.5 54.5 54.7	GE 2000	52.7	53.R	54.0	54.1	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4
CE 1000 53.0 54.1 54.2 54.4 54.5 54.5 54.7 54.7 54.7 54.7 54.7 54.7 54.7 61.7 61.1 61					_		54.5	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000 54.0 55.1 55.2 55.3 55.5 55.6 55.8 55.5 55.6 55.6 55.6 55.6					54.4		54.5	54.7	54.7	54.7	54.7	54.7	54.7
GE 12000 54.2 55.3 55.5 55.6 55.8 55.9 55.9 55.9 55.9 55.9 55.9 55.9							55.5	55.6	55.6	55.6	55.6	55.6	55.0
GF 10000 58.1 59.3 59.5 59.5 59.5 59.7 59.7 59.7 59.7 59.9 59.9							-		55.9	55.9	55.9	55.9	55.9
5= 9000 58.4 59.6 59.7 59.9 60.0 60.0 60.1 60.1 60.1 50.1 60.1 60.1 60.1 60.1 60.1 60.1 60.1 6	01.22.00			. • • •									
GE 8000 61.4 62.6 62.7 59.7 69.3 63.0 60.1 60.0 6	GF 1000	59.1	59.3	59.5	59.5	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.0
GE 8000 61.1 62.5 62.7 52.9 63.3 63.3 63.4 63.4 63.4 63.4 63.4 63.4		-	-	-		_	60.0	60.1	50.1	50.1	50.1	60.1	60.1
GE 7000 52.2 53.8 54.1 64.4 54.8 64.8 64.9 64.9 64.9 55.2 55.2 55.2 65.2 66.6 66.0 66.0 66.0 66.0 66.2 66.2 66		-						03.4	63.4	63.4	63.4	63.4	63.4
GE 6000 63.0 65.1 65.3 65.6 66.0 66.0 66.2 66.2 66.2 66.4 66.4 66.4 66.4 66.4							-		54.9	64.9	55.2	55.2	65.2
GE 5000 63.8 66.0 55.3 56.6 67.0 67.0 57.3 57.3 57.3 57.3 57.5 67.5 67.5 67.5 68.6 68.6 4000 55.2 57.5 67.6 68.1 68.5 68.5 68.5 68.5 68.6 68.0 65.5 68.1 65.4 68.6 67.0 69.0 69.0 69.0 69.0 69.0 69.0 65.5 68.1 65.4 68.6 67.0 69.0 69.0 69.0 69.0 69.0 69.0 69.0 68.5 58.5 71.5 72.1 72.3 73.0 73.0 73.8 73.9 73.9 74.2 74.2 74.2 74.2 74.2 74.2 74.2 74.2				-							05.4	56.4	60.4
GE 4500 56.7 67.0 57.3 67.5 67.7 57.7 57.9 68.2 68.2 68.2 68.5 68.5 68.6 68.4 68.5 68.5 68.6 68.5 68.6 68.5 68.6 68.5 68.6 68.5 68.6 68.5 68.6 68.5 68.6 68.5 68.5													
GE 4500 54.7 67.0 57.3 67.5 67.7 57.9 68.2 68.2 68.2 68.5 68.5 68.5 68.6 69.0 69.0 69.0 GE 3500 65.5 68.1 68.4 68.6 67.0 69.0 69.0 69.6 69.6 69.6 69.6 69.9 69.9	GF 500	0 63.3	66.0	55.3	56.5	67.0	67.0	67.3	57.3	57.3	57.5	57.5	57.5
GE 4000 55.2 57.5 67.6 68.1 69.5 68.5 68.5 68.3 58.8 69.0 69.0 69.0 69.0 69.0 69.0 69.0 69.0			-					63.2	63.2	58.2	68.5	58.5	58.5
GE 3500 65.5 6A.1 65.4 68.6 69.0 69.0 69.6 69.6 69.6 69.9 69.9 69										58.5	69.0	69.0	69.0
GE 3000 63.5 71.5 72.1 72.3 73.0 73.0 73.8 73.P 73.8 74.2 74.2 74.2 74.2 GE 2500 71.4 74.4 75.3 76.J 75.7 75.7 77.5 77.5 77.5 77.5 77.9 78.1 78.1 78.1 GE 2000 74.1 77.1 78.2 79.7 80.7 80.P 81.9 82.2 82.2 82.2 82.2 62.6 82.7 82.7 GE 1800 74.5 77.7 78.8 80.3 81.2 81.4 32.5 82.7 82.7 83.2 83.3 83.3 GE 15.00 75.8 79.6 80.3 83.8 85.6 86.0 87.1 87.7 87.7 88.4 88.5 89.5 GE 1200 76.4 80.5 82.3 86.2 83.2 88.6 90.0 90.5 90.5 91.2 91.4 91.4 GE 1000 76.4 80.7 83.2 87.1 89.6 90.0 91.6 92.2 92.2 93.0 93.3 93.3 93.3 GE 1000 76.4 80.8 83.3 87.5 90.0 90.4 92.1 92.6 92.5 93.6 94.0 94.0 GE 800 76.8 81.2 83.8 88.2 91.4 91.6 93.3 94.0 94.0 94.9 95.3 95.3 GE 700 76.8 81.2 83.8 88.2 91.4 91.8 93.6 94.0 94.0 94.9 95.3 95.8 GE 700 76.8 81.2 83.8 88.2 91.4 91.8 93.6 94.0 94.0 94.9 95.3 95.8 GE 600 76.8 81.2 83.8 88.2 91.4 91.8 93.6 94.4 94.4 95.3 95.8 95.8 GE 600 76.8 81.2 83.8 88.2 91.4 91.8 93.6 94.0 94.0 94.9 95.3 95.8 GE 600 76.8 81.2 83.8 88.2 91.4 91.8 93.6 94.0 94.0 94.9 95.3 95.8 95.3 GE 600 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.2 97.8 98.2 98.5 95.9 GE 300 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 99.5 99.5 96.8 96.8 98.8 99.2 99.5 99.5 99.5 96.8 96.8 98.8 99.2 99.5 99.5 99.5 96.8 96.8 96.8 98.8 99.2 99.5 9		-	-								69.9	69.9	69.7
GE 2500 71.4 74.4 75.3 76.5 75.7 75.7 77.5 77.5 77.5 77.9 78.1 78.1 68.2000 74.1 77.1 78.2 79.7 80.7 80.7 80.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.8 99.5 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.8 99.5 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.5 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.3 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.9 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.9 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.9 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.9 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.9 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.9 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.9 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 9											74.2	74.2	74.2
GE 2000 74.1 77.1 78.2 79.7 80.7 80.8 81.2 81.4 32.5 82.7 82.6 82.7 82.7 GE 1800 74.5 77.7 78.8 80.3 81.2 81.4 32.5 82.7 82.7 93.2 83.3 83.3 GE 1500 75.8 79.6 80.3 83.8 85.6 86.0 87.1 97.7 87.7 88.4 88.5 99.5 GE 1200 76.4 80.5 82.3 86.2 93.2 88.6 90.0 90.5 90.5 91.2 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4					-								
GE 2000 74.1 77.1 78.2 79.7 80.7 80.0 81.9 82.2 82.2 82.6 82.7 82.7 GE 1800 74.5 77.7 75.6 80.3 81.2 81.4 32.5 82.7 82.7 82.7 83.2 83.3 83.3 GE 1500 75.8 79.6 80.3 83.8 85.6 86.0 87.1 47.7 87.7 88.4 88.5 89.5 GE 1200 76.4 80.5 82.3 86.2 83.2 83.6 90.0 90.5 90.5 91.2 91.4 91.4 91.4 GE 1000 76.4 80.7 83.2 87.1 89.6 90.0 91.6 92.2 92.2 93.0 93.3 93.3 GE 900 76.6 80.8 83.3 87.6 90.0 90.4 92.1 92.6 92.5 93.6 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0	GE 250	71.4	74.4	75.3	76.J	75.7	75.7	77.5	77.5	77.5	77.9	78.1	73.1
GE 1800 74.5 77.7 78.6 80.3 81.2 81.4 32.5 82.7 82.7 83.2 83.3 83.3 83.3 6E 1500 75.8 79.5 80.3 83.8 85.6 86.0 87.1 97.7 87.7 88.4 88.5 89.5 6E 1200 76.4 80.5 82.3 86.2 98.2 88.6 90.0 90.5 90.5 91.2 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4							30.0	21.9	22.2	22.2	32.6	32.7	32.7
GE 1:00 75.8 79.6 80.3 83.8 85.6 86.0 87.1 97.7 87.7 88.4 88.5 98.5 88.6 1200 76.4 80.5 82.3 86.2 93.2 88.6 90.0 90.5 90.5 91.2 91.4 91.4 91.4 88.5 80.8 83.8 83.8 87.5 90.0 90.4 92.1 92.6 92.5 93.6 94.0 94.0 94.0 94.0 95.3 95.3 95.3 95.3 95.3 95.3 88.2 91.4 91.8 93.6 94.0 94.4 95.3 95.8 95.3 95.8 88.2 91.4 91.8 93.6 94.4 94.4 95.3 95.8 95.3 95.8 95.3 95.8 88.2 91.5 91.9 94.2 95.1 95.1 96.6 97.0 97.3 95.5 95.6 95.0 76.8 81.2 83.8 88.2 91.5 91.9 94.2 95.1 95.1 96.6 97.0 97.3 95.8 95.8 95.8 95.8 95.8 88.2 91.5 91.9 94.2 95.1 95.1 96.6 97.0 97.3 95.6 94.0 94.6 93.2 98.6 97.0 97.3 95.8 95.8 95.8 95.8 95.8 95.8 95.8 95.8				75.6	90.3	31.2	81.4	32.5	42.7	22.7	93.2	83.3	93.3
GE 1200 76.4 80.5 82.3 86.2 93.2 83.6 90.0 90.5 90.5 91.2 91.4 91.4 91.4 GE 1000 76.4 80.7 83.2 87.1 89.6 90.0 91.6 92.2 92.2 93.0 93.3 93.3 GE 900 76.6 80.8 83.3 87.5 90.0 90.4 92.1 92.6 92.5 93.5 94.0 94.0 GE 800 76.8 81.2 83.8 88.2 91.2 91.6 93.3 94.0 94.0 94.9 95.3 95.3 GE 700 76.8 81.2 83.8 88.2 91.4 91.8 93.6 94.4 94.4 95.3 95.8 95.8 GE 600 76.8 81.2 83.8 88.2 91.5 91.9 94.2 95.1 95.1 96.6 97.0 97.3 GE 500 76.8 81.2 83.8 88.4 91.6 92.1 94.8 96.2 96.2 97.8 98.2 98.5 GE 300 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 300 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 100 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 100 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 100 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 100 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 91.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 91.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 96.8 96.8 96.8 96.8 98.9 99.2								87.1		87.7	88.4	88.5	99.5
GE 1000 76.4 89.7 83.2 87.1 89.6 90.0 91.6 92.2 92.2 93.0 93.3 93.3 95.9 90.0 76.6 80.8 83.3 87.5 99.0 90.4 92.1 92.6 92.5 93.6 94.0 94.0 94.0 95.3 95.3 95.3 95.3 95.3 95.6 81.2 83.8 88.2 91.4 91.8 93.6 94.4 94.4 95.3 95.8 95.8 95.3 95.8 95.3 95.8 88.2 91.5 91.9 94.2 95.1 95.1 96.6 97.0 97.3 95.5 95.6 96.6 96.6 97.0 97.3 95.5 95.6 95.6 97.0 97.3 95.6 94.6 95.6 97.0 97.3 95.5 95.6 96.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 96.5 96.8 96.8 98.8 99.2 99.5 96.5 96.8 96.8 96.8 98.8 99.2 99.5 96.5 96.8 96.8 96.8 98.8 99.2 99.5 96.5 96.8 96.8 96.8 98.8 99.2 99.5 96.5 96.8 96.8 98.8 99.2 99.5 99.5 96.8 96.8 96.8 98.8 99.2 99.5 99.5 96.8 96.8 96.8 98.8 99.2 99.5 99.5 96.8 96.8 96.8 98.8 99.2 99.5 99.5 96.8 96.8 96.8 98.8 99.2 99.5									90.5	90.5	91.2	91.4	91.4
GE 900 76.6 80.8 83.3 87.5 90.0 90.4 92.1 92.6 92.5 93.5 94.0 94.0 GE 800 76.8 81.2 83.8 88.2 91.2 71.6 93.3 94.0 94.0 94.7 95.3 95.3 GE 700 76.8 81.2 83.6 88.2 91.4 91.8 73.6 94.4 94.4 95.3 95.8 95.3 GE 600 76.8 81.2 83.8 88.2 91.5 91.9 94.2 95.1 95.1 96.6 97.0 97.3 GE 500 76.8 81.2 83.8 88.4 91.6 72.1 94.8 36.2 96.2 97.8 98.2 98.5 GE 300 76.8 81.2 93.8 88.4 91.6 92.1 95.2 96.8 96.2 97.8 98.9 99.5 GE 300 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 39													
GE 800 76.8 31.2 83.8 88.2 91.2 91.6 93.3 94.0 94.0 94.7 95.3 95.3 GE 700 76.8 81.2 83.8 88.2 91.4 91.8 93.6 94.4 94.4 95.3 95.8 95.8 GE 600 76.8 81.2 83.8 88.2 91.5 91.9 94.2 95.1 95.1 96.6 97.0 97.3 GE 500 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.6 96.2 97.8 98.2 98.5 GE 300 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 98.9 99.2 99.5 GE 100 76.3 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 100 76.3 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5	GE 100	76.4	80.7	33.2	37.1	39.5	90.0	91.5	92.2	92.2	93.0	93.3	93.3
GE 800 76.8 31.2 83.8 88.2 91.2 91.6 93.3 94.0 94.0 94.7 95.3 95.3 GE 700 76.8 81.2 83.8 88.2 91.4 91.8 93.6 94.4 94.4 95.3 95.8 95.8 GE 600 76.8 81.2 83.8 88.2 91.5 91.9 94.2 95.1 95.1 96.6 97.0 97.3 GE 500 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.6 96.2 97.8 98.2 98.5 GE 300 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 98.9 99.2 99.5 GE 100 76.3 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 100 76.3 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5	38 90	75.5	30.8	33.3	37.5	99.0	90.4	92.1	92.6	92.5	33.5	94.0	94.C
GE 700 76.8 81.2 83.8 88.2 91.4 91.8 93.6 94.4 94.4 95.3 95.8 95.3 6E 600 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.2 97.8 98.2 98.5 GE 300 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 98.9 98.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 98.9 98.5 GE 200 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 98.9 99.5 GE 100 76.3 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 100 76.3 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5					89.2		31.6	93.3		94.0	94.9	95.3	95.3
GE 600 76.8 81.2 83.8 88.2 91.5 91.9 94.2 95.1 95.1 96.6 97.0 97.3 GE 500 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.6 96.6 98.2 98.5 98.9 GE 300 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 79.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 79.2 99.5 GE 100 76.3 81.2 83.8 88.4 91.6 92.1 95.2 96.8 95.8 98.3 79.2 99.5 GE 100 76.3 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5		-						73.6	94.4	94.4	95.3	95.8	95.3
GE 500 76.8 81.2 83.8 88.4 91.6 92.1 94.8 96.2 97.8 98.2 98.5 95 400 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 79.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 79.2 99.5 GE 100 76.3 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5								94.2	95.1	95.1	96.5	97.0	97.3
05 400 76.8 Al.2 93.8 Ad.4 91.6 92.1 95.2 96.6 96.6 93.2 98.6 98.9 GE 300 76.8 81.2 A3.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.3 99.2 99.5 GE 100 76.3 81.2 83.8 38.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5				. •									
GE 300 76.8 81.2 43.6 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5 GE 200 76.8 31.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.3 99.2 99.5 GE 100 76.3 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.9 99.2 99.5	GE 50	9 76.∋	81.2	33.8	48.4	91.6	92.1	94.8	36.2	96.2	97.8	98.2	98.5
GE 300 76.8 81.2 H3.6 H3.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 200 76.8 H3.2 H3.8 H3.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5 GE 100 76.3 H3.2 H3.8 H3.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5									95.6	96.6	93.2	98.5	98.9
GE 200 76.8 31.2 83.8 88.4 91.5 92.1 95.2 96.8 96.8 98.3 99.2 99.5 GE 100 76.3 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 98.9 99.2 99.5			_				-				98.9	79.2	99.5
GE 100 76.3 31.2 83.8 38.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5											99.3	39.2	99.5
					-					96.8	98.3	99.2	99.5
GE 000 76.8 81.2 83.8 88.4 91.6 92.1 95.2 96.8 96.8 98.8 99.2 99.5				• •									
	GE 00	0 76.8	હ1.2	83.8	38.4	91.5	92.1	95.2	96.8	96.8	98.8	99.2	99.5
											• • • • • •	• • • • • • •	• • • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

'ITC	+ 6	K FLU AN					OF REC						
				STATUTE		•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	
.; :-		GE	Sã	GF	ĿE	GE	GF	GE	GE	ĠΕ	üΕ	3.5	
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2		1/4	J	
• • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
1.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	
									• • •				
4.1	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4		54.4	54.4	
4.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7			54.7	54.7	
4.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7			54.7	54.7	
· . 3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.0	55.6	55.5	55.5	55.5	
n.h	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.3	55.9	
1.5	59.7	59.7	59.9	59, 9	59.9	59.9	59.9	59.0	59.9	59.9	59.3	50.0	
	53.0	50.0	60.1	50.1	50.1	50.1	60.1	60.1	60.1	-	50.1	60.1	
, q	53.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	53.4	53.4	63.4	63.4	
• .	54.8	64.9	64.9	64.9	64.9	55.2	55.2	65.2		55.2		65.2	
	66.0	56.0	66.2	65.2	65.2	66.4	56.4	66.4	55.4	66.4	55.4	56.4	
•	ma•0	50•0	99.2	:>⊍•∠	09+2	09.4	55.4	00 • 4	30 .4	© 0•4	70•4	7° • 4	
. • '>	67.0	67.0	67.3	57.3	57.3	57.5	67.5	57.5	57.5	67.5	67.5	67.5	
7.5	67.7	57.9	64.2	63.2	53.2	68.5	58.5	58.5	53.5				
1	64.5	63.5	58.3	58.3	58.5	69.0	69.0	69.0	69.0	69.0	59.0	59.0	
	69.0	69.0	69.6	69.6	69.6	69.9	60.9	69.7	-				
	73.0	73.0	73.8	73.9	73.3	74.2	74.2	74.2		74.2		74.2	
	. , , 0	1300	1 2 8 ()		1 24 3	1706	1707	1716	• - 4 6 6	7.4	. 4 • 0	1-12	
4. • J	75.7	75.7	77.5	77.5	77.5	77.9	79.1	73.1	73.1	78.1	74.1	78.1	
7	80.7	80.8	81.9	32.2	32.2	32.6	32.7	32.7		22.7	42.7	82.7	
. 3	31.2	81.4	32.5	42.7	22.7	93.2	83.3	33.3		53.3	23.3	43.3	
3.5	35.6	86.0	87.1	97.7	87.7	5H 4	88.5	99.5		38.5	48.5	88.5	
•	93.2	93.6	90.0	90.5	90.5	91.2	91.4	91.4	71.4	91.4	21.4	91.4	
7.1	33.4	00.0	0.1 -2	23.3	0.3 3	22.0	03.3	03 3	22.7	03.3	01.4	03.7	
	39.6	90.0	91.6	92.2	92.2	93.0	93.3	93.3		93.3		93.5	
1.5	90.0	90.4	92.1	92.6	92.5	93.5	94.0	94.0		94.0		94.2	
4.2	91.2	71.6	93.3	94.0	94.0	94.9	95.3	95.3		95.3	95.5		
. 2	91.4	91.8	93.6	94.4	94.4	95.3	95.8	95.3		95.9		<i>76</i> • 0	
2.2	21.5	91.9	94.2	95.1	95.1	96.6	97.0	97.3	97.3	97.3	37.5	97.5	
. 4	91.6	92.1	94.8	96.2	96.2	97.8	98.2	98.5	98.5	98.5	98.8	98.8	
. 4	91.6	92.1	95.2		96.6	98.2	98.6	98.9	98.9			99.2	
4	91.6	92.1	95.2	96.8	96.8	98.4	79.2	99.5			79.7		
4.4	91.5	92.1	95.2	96.8	95.H	98.3	99.2	99.5			99.9		
4 4		92.1	95.2	-	96.8	-		99.5			100.0		
•	,,,,		,,,,,			,,,	, , .	,,,,,	. , • •	,,••	10010	.00.0	
4	91.5	92.1	95.2	96.8	96.8	98.8	99.2	99.5	99.7	39.7	100.0	100.0	

UPERATING LOCATION MAW USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS

ST	ATION Y	₩BER:	725435	LST	TO UTC	+ 6					MONTH:		SRD: AU: JRS: ALL
	ILING	•••••	• • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • •	• • • • • •	• • • • • • • • •
	I L I NG [N	GF	GE	GE	GE	SE '	GE	SE	GE	GE	GE	GĒ	Ġċ
	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	ì	3/4	5/3
	-		• • • • • • •		• • • • • • •	• • • • • •							• • • • • • • •
NO	CEIL	37.7	39.2	39.9	40.5	40.9	40.8	41.0	41.0	41.1	41.1	41.1	41.2
								/		· · ·	.	~ • •	- •
	20000	47.0	49.3	50.2	50.9	51.3	51.4	51.6	51.7	51.1	51.7	51.B	51.3
	C0091	47.3	49.6	50.5	51.2	51.6	51.7	51.9	52.0	52.0 52.0	52.0 52.0	52.1	52.1
	15700	47.3	49.6	50.5	51.2	51.6	51.5	51.9	52.0			52.1	52.1
	14000	47.8	50.1	51.0	51.7	52.1	52.3	52.4	52.5	52.6	52.6	52.6	52.0
'a E	12000	48.3	50.7	51.7	52.4	52.9	53.0	53.2	53.3	53.3	53.3	53.4	53.4
GE	10000	51.9	54.5	55.5	50.3	55.7	56.9	57.1	57.2	57.2	57.2	57.3	57.3
SE	9000	52.3	55.0	55.9	55.7	57.1	57.3	57.5	57.6	57.7	57.7	57.7	57.4
G F	9000	54.2	57.1	5A.3	59.1	59.0	50.0	60.2	50.4	50.4	50.4	60.5	50.5
ĞΞ	7000	55.8	58.5	60.1	50.9	61.6	61.8	62.1	52.3	62.3	62.4	52.4	52.5
GE	6000	55.5	59.9	51.1	61.9	62.6	62.9	63.2	63.3	53.3	63.4	63.5	63.5
			. , •			,,,,,					•		
GE	5000	57.7	61.1	52.5	63.4	54.1	04.3	64.7	54.8	64.B	64.9	65.0	55. 0
GE	4501	58.3	61.8	53.1	54.0	64.7	65.0	65.3	55.5	65.5	55.5	65.7	55.7
ŞΕ	4000	58.9	52.5	53.9	54.5	55.7	55.9	55.3	55.4	56.5	55.5	66.6	65.7
G∈	3500	59.1	52.9	54.5	55.4	66.2	66.5	66.9	67.0	67.1	67.2	67.3	67.3
Ç.E.	3 700	51.4	65.4	67.2	55.1	59.2	59.5	70.3	70.5	70.5	70.7	70.8	70.0
Ç∈	2500	63.5	57.5	54.8	10.3	72.0	72.3	73.2	73.4	73.4	73.5	73.7	73.7
SE	2000	66.3	71.0	73.2	74.9	75.4	75.9	79.0	73.3	78.3	79.5	78.7	79.7
GE	1300	66.R	71.5	73.3	75.5	77.1	77.5	73.7	78.9	77.0	79.2	79.3	79.4
ĢΕ	1500	68.5	73.7	76.5	79.5	80.7	F1.4	P2.5	53.0	83.1	83 .7	81.9	ē3∙9
GE	1200	69.2	74.5	77.7	80.4	92.5	#3.3	94.7	35.3	95.3	86·1	96.3	86.4
c -	1 300	40.5	35 /	72.2		04.3		22.0				40.1	20.2
GE GE	1000	69.8	75.4	79.2	92.1	94.7	96.0	32.0	33.8	38.5	49.7	90.1	90.2
GE GE	900 800	70.0 70.2	75.9 76.2	79.7	მ2∙7 33•4	85.5 85.3	57.0	59.1	49.9	39.9	91.0 92.2	91.4 32.9	91.5 92.9
65	700	70.2	76.3	30.1			37.9 88.4	90.1 90.7	91.0	71.1 91.9	93.2	74.1	94.2
G T	500	70.5	76.5	30.3 30.5	83.6 84.0	96.7 87.4	59.2	91.5	93.2	73.3	93.2 94.9	95.9	95.0
9.	,00	10.5	19.5	10.0	34.0	01+4	77.6	9145	93.2	13.3	74.7	720)	77.
GE	500	70.5	76.5	30.6	94.0	87.4	59.3	92.2	93.9	93.9	95.7	96.7	95.9
GE	400	70.5	76.5	90.6	34.0	27.4	99.4	92.4	34.2	94.3	96.1	97.5	97.7
SE	300	70.5	76.6	90.6	44.0	37.4	99.4	92.4	94.4	94.4	95.5	98.0	98.1
GE	200	70.5	76.6	80.5	34.0	A7.4	89.4	92.4	94.4	94.4	95.6	98.0	98.1
SE	100	70.5	75.6	30.6	4.0	87.4	99.4	92.4	94.4	94.4	96.6	98.0	98.2
											- • •	- • -	-
GE	000	70.5	76.6	30.6	44.0	87.4	99.4	92.4	94.4	94.4	96.6	98.0	98.2
• • •					• • • • • • •								

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY UBSERVATIONS

					IRS: ALL		HINOM:				(FED AN	+ 6	TITC
	• • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • •	• • • • • • •		STATUTE				
	GE	GE	GE	SE	GE	G€	GE	GE	GE		GΞ	36	• •
 	ວ <u>ຼ</u>	1/4	3/3	1/2	5/8	3/4	1	1 1/4	1 1/2	2		3	4
 	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • •
	41.3	41.2	41.2	41.2	41.2	41.1	41.1	41.1	41.0	41.0	40.8	40.9	
					. .	6. 1. 13	.						
	51.9	51.9	51.9	51.8	51.8	51.8	51.7	51.7	51.7	51.6	51.4	51.3	. • ¥
 	52.3	52.2	52.2	52.1	52.1	52.1	52.0	52.0	52.0	51.9	51.7	51.6	1.2
	52.3	52.2	52.2	52.1	52.1	52.1	52.0	52.0	52.0	51.9	51.5	51.6	1.2
	52.8	52.7	52.7	52.6	52.6	52.6	52.6	52.5	52.5	52.4	52.3	52.1	1.7
	53.6	53.5	53.5	53.4	53.4	53.4	53.3	53.3	53.3	53.2	53.0	52.9	• '•
	57.5	57.4	57.4	57.3	57.3	57.3	57.2	57.2	57.2	57.1	56.7	55.7	0.3
	57.9	57.3	57.8	57.8	57.8	57.7	57.7	57.7	57.5	57.5	57.3	57.1	. 7
 -	69.7	50.5	50.5	60.5	60.5	60.5	50.4	50.4	50.4	50.2	50.3	59.0	. 1
	62.6	52.5	62.5	52.5	62.5	52.4	62.4	62.3	52.3	62.1	61.8	51.6	• 0
	63.7	53.6	63.6	53.5	63.5	63.5	63.4	53.3	63.3	63.2	42.7	52.6	•
	₩ ₽ • •	,	03.7	,,,,	,,,,,	0.74.7	0.74	354.7	73.5	., 3 + 4	, , ,	728.9	
	55.2	65.1	65.1	65.0	65.0	65.0	64.9	64.8	64.9	64.7	04.3	64.1	3 . 4
	65.9	65.9	65.8	55.7	65.7	65.7	55.6	65.5	55.5	65.3	55.0	64.7	·•)
	65.9	55.7	55.7	65.7	65.7	65.6	55.6	56.5	65.4	55.3	55.9	55.7	4.3
	57.5	57.4	67.4	57.3	67.3	67.3	67.2	67.1	67.0	65.9	65.5	55.2	4
	71.0	70.9	70.9	70.9	70.8	70.2	70.7	70.5	70.5	70.3	59.5	57.2	1
	74.0	73.9	7 3.9	73•°	73.7	73.7	73.6	73.4	73.4	73.2	72.3	72.0	• 2
	73.0	70.9	78.∋	7₫.6	78.7	78.7	78.5	78.3	73.3	79.0	75.9	15.4	4.4
-	77.5	79.5	79.5	79.5	79.4	79.3	79.2	77.5	72.9	75.7	77.5	77.1	· 🙀 🧘 🔻
	24.2	94.1	84.1	84.0	63.9	83.9	43.7	83.1	93.0	R2.5	P1.4	90.7	٠,,
	36.7	86.6	86.5	36.5	86.4	85.3	86.1	85.3	35.3	94 .7	₹3.3	₩2.5	4
	90.8	90.7	90.5	90.5	90.2	90.1	89.7	38.8	33.8	32.0	96.0	94.7	/ • i
	92.2	92.1	91.9	91.9							57.0	35.5	
					91.5	91.4	91.0	39.9	89.9	39.1			1.4
	93.7	93.5		93.4	92.9	92.9	92.2	21.1	91.0	90.1	9 7. 9	85.3	
	94.9	94.4	34.7	94.6	94.2	24.1	93.2	91.9	31.3	20.7	20.4	85.7	4.6
	96.7	95.5	96.5	95.4	95.9	95.3	94.9	73.3	93.2	91.5	59.2	87.4	4.3
 -	97.9	97.9	97.5	97.5	96.9	96.7	95.7	93.9	93.8	32.2	89.3	A7.4	••9
	9F. A	98.5	98.4	98.3	97.7	97.5	96.1	94.3	94.2	92.4	99.4	27.4	4.0
 	99.5	99.3		98.9		98.5		74.4	94.4	92.4	99.4	37.4	4.7
	79.5	99.4	99.1	99.0	98.1	98.0	96.6	94.4	94.4	92.4	99.4	87.4	4.3
	99.3	99.6	99.3	99.2	98.2	98.0	96.6	94.4	94.4	92.4	99.4	87.4	4.0
	100.0	go.a	99.3	99.3	98.2	98.0	96.6	94.4	94.4	92.4	99.4	37.4	4.0
	100.0	77.0	77.3	7743	7006	70 • U	70.0	74.4	/ 7 • 7	1407	37.4	97 • 4	· • · ·

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL FROM HOURLY OBSERVATIONS

STA	TION A	IUMBER:		LST	TO UTC	+ 6	C FLD AN				MONTH:	MAR	ORD: A HOURS:	06-09
C = 1	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •				STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •
	LING N	G€	c t	GE	GE	GE ,	GE A I 2 I 2 I F I	GE.	GE	GE	GE	GE	GE	Çt
	ET	6 t 7	GE 6	5 E	6E	3	2 1/2	2		1 1/4		3/4	5/8	1/2
			0										,,,,	172
• • •	• • • • •	• • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		••••		•••••			• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
NO	CEIL	36.7	37.7	38.4	39.9	38.9	38.9	39.4	39.7	39.7	39.9	40.5	40.5	41.0
GE	20000	43.7	44.7	45.7	46.2	46.2	46.2	45.7	47.0	47.0	47.2	47.7	47.7	4=.2
SE	13000	44.7	45.2	45.2	45.7	45.7	46.7	47.2	47.5	47.5	47.7	48.2	48.2	49.7
SE	15000	44.2	45.2	45.2	46.7	45.7	46.7	47.2	47.5	47.5	47.7	48.2	48.2	48.7
GE	14000	44.5	45.5	46.5	47.0	47.0	47.0	47.5	47.7	47.7	40.0	48.5	48.5	49.0
GE	12000	45.2	45.2	47.5	48.9	49.0	43.0	4d • 5	48.7	43.7	49.0	49.5	49.5	50.C
GF	10000	47.7	48.7	50.0	50.5	50.5	50.5	51.0	51.3	51.3	51.5	52.0	52.0	52.5
ĞĒ	9000	48.2	49.5	50.8	51.3	51.5	51.5	52.3	52.3	52.3	52.5	53.0	53.0	53.5
GE	3000	49.2	50.5	51.8	52.3	52.5	52.5	53.0	53.3	53.3	53.3	54.3	54.3	54.0
ĞΕ	7300	50.3	51.5	52.8	53.3	53.3	53.9	54.3	54.5	54.5	55.0	55.5		56.0
GE	6000	52.0	53.3	54.3	55.3	55.8	55.8	55.3	56.5	56.5	57.0	57.5	57.5	58.0
Ġξ	5000	52.5	54.0	55.5	56.0	56.5	56.5	57.0	57.3	57.3	5 7. 9	58.3	58.3	58.5
GΞ	4500	54.0	55.5	57.0	57.5	53.0	58.0	58.5	59.R	58.8	59.3	59.8	59.B	60
GE	4000	54.8	56.3	57.0	53.3	59.8	55.8	59.8	50.1	60.1	50.6	51.1	61.1	61.4
GE	3500	56.0	57.4	59.3	59.9	60.3	60.3	51.3	51.5	61.5	62.1	52.6		53.1
GE	3000	57.8	59.5	61.1	61.5	62.3	62.3	63.3	63.6	63.6	64.1	64.5	64.5	65.1
GE.	2500	60.6	52.F	54.3	54.5	65.6	55.6	65.6	55.8	56.8	57.3	67.5	67.8	69.1
GF	2000	62.4	45.5	57.1	67.∺	69.1	69.1	70.4	70.0	70.5	71.1	71.6	71.5	72.1
GΕ	1800	63.3	56.1	67.6	68.3	57.6	63.5	70.9	71.1	71.1	71.6	72.1	72.1	72.4
GE	1500	67.3	70.4	71.9	72.9	74.4	74.4	75.9	76.4	76.4	77.1	77.6	_	78.1
GE	1200	58.5	71.9	73.6	75.1	75.9	75.9	73.6	79.1	79.1	79.9	80.4		30.7
GE	1000	69.6	73.1	75.4	76.4	51.2	81.2	52.9	33.4	83.7	34.7	95.4	95.4	35.
GE	900	69.3	73.5	76.9	79.1	31.9	51.9	33.9	84.7	34.9	35.9	36.9	36.9	57.4
GE	800	70.4	74.4	77.9	80.4	93.2	R3.2	35.2	36.2	86.4	P7.7	89.9	38.9	39.4
GE	700	70.6	74.5	79.1	30.7	83.4	93.4	25.4	36.9	37.2	88.7	39.9	39.9	93.5
GE	600	70.6	74.5	78.6	81.4	84.7	94.7	36.9	38.4	89.7	90.5	92.0	92.0	35*6
SE	500	70.9	74.9	78.9	81.9	95.2	45.2	87.7	89.4	89.7	71.5	93.2	93.2	93.
GE	400	70.9	74.9	75.9	51.9	35.2	55.4	88.2	90.2	90.5	92.2	94.0	34.0	94.7
GE	300	70.9	74.9	78.9	81.9	35.2	85.4	38.4	91.2	92.0	94.5	95.2	96.2	37. (
GE	200	70.9	74.9	78.9	81.9	35.4	25.7	88.7	91.5	92.2	94.7	96.5	96.5	97.5
GE	100	70.9	74.9	78.9	31.9	95.4	85 .7	49.7	91.5	92.2	95.0	96.7		97.1
GE •••	000	70.9	74.9	78.9	81.)	85.4	85.7	as.7	91.5	92.2	95.0	96.7	96.7	37.1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

VISIBILITY IN STATUTE MILES 30	
3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 33.7 38.9 39.4 39.7 39.7 39.9 40.5 40.5 41.0 41.0 41.0 45.2 46.2 45.7 47.0 47.0 47.2 47.7 47.7 48.2 48.2 48.7 48.7 45.7 45.7 45.7 45.7 45.7 47.5 47.5 47	• • • • • •
33.7 33.9 39.4 39.7 39.7 39.9 40.5 40.5 41.0 41.0 41.0 40.2 46.2 46.2 47.7 47.0 47.0 47.0 47.7 48.2 48.2 48.2 48.7 48.7 48.7 48.7 48.7 48.7 48.7 48.7	0 €
33.7 38.9 39.4 39.7 39.7 39.9 40.5 40.5 41.0 41.0 41.0 40.0 40.2 46.2 46.2 46.7 47.0 47.0 47.2 47.7 47.7 48.2 48.2 48.2 48.2 48.7 48.7 48.7 48.7 48.7 48.7 48.7 48.7	ڻ ن
45.2 46.2 46.7 47.0 47.0 47.2 47.7 47.7 48.2 48.2 48.2 48.7 45.7 45.7 45.7 45.7 45.7 45.7 45.7 45	
45.7 46.7 47.2 47.5 47.5 47.7 48.2 48.2 48.7 43.7 43.7 43.7 43.7 43.7 43.7 43.7 43.7 48.2 48.2 48.7 48.7 48.7 48.7 48.7 48.5 48.5 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0 50.0	41.0
40.7 45.7 47.2 47.5 47.5 47.7 48.2 48.2 48.7 48.7 48.7 48.7 47.0 47.0 47.0 47.5 47.7 47.7 48.0 48.5 48.5 49.0 49.0 49.0 47.0 43.0 48.5 46.7 48.7 49.0 49.5 50.0 50.0 50.0 50.0 50.0 50.0 50.0 5	48.2
47.0 47.0 47.5 47.7 47.7 48.0 48.5 48.5 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0	48.7
4.0 43.0 46.5 46.7 43.7 49.0 49.5 49.5 50.0 50.0 50.0 50.0 50.0 50.0 50.0 5	48.7
50.5 50.5 51.0 51.3 51.3 51.5 52.0 52.0 52.5 52.5 52.5 51.5 51.5 51.5 51.5 52.0 52.0 52.5 52.5 53.5 53.5 53.5 53.5 53.5 53.5	49.0
51.5 52.0 52.3 52.3 52.5 53.0 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 54.6 54.6 54.6 54.6 55.5 55.5 56.0	50.0
51.5 52.0 52.3 52.3 52.5 53.0 53.0 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 54.6 54.6 54.6 54.6 54.6 55.5 55.5 56.0	52.5
53.8 53.8 54.3 54.5 54.5 55.0 55.5 55.5 56.0 56.0 56.0 56.0 55.5 55.8 55.8 55.8 56.5 56.5 57.0 57.5 57.5 58.0 58.0 58.0 58.0 55.5 56.6 57.0 57.5 57.5 58.0 58.0 58.0 58.0 58.0 58.0 58.0 58	53.5
53.8 53.8 54.3 54.5 54.5 55.0 55.5 55.5 56.0 56.0 56.0 56.0 56	54.8
50.5 50.5 57.0 57.3 57.3 57.9 58.3 58.8 50.5 58.2 53.0 58.0 58.5 58.8 58.8 58.8 59.8 59.8 59.8 59.8	56.0
53.0 58.0 58.5 58.8 58.8 59.3 59.8 59.8 60.3 60.3 60.3 57.8 57.8 58.4 59.8 60.1 60.1 60.5 61.1 61.1 61.6 61.5 61.5	58.0
54.8 55.4 59.8 50.1 50.1 50.5 51.1 61.1 61.6 61.5 51.5	58.8
	60.5
1 12 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	51.6
	63.1
5 52+3 67+3 63+3 53+6 63+5 64+1 64+6 64+6 65+1 65+1 55+1	65.1
· 55.6 55.6 55.6 55.8 56.8 57.3 57.6 67.8 68.3 58.3 53.3	68.3
53.1 59.1 73.4 75.6 76.5 71.1 71.6 71.6 72.1 72.1 72.1	72.1
$0.09 \cdot 0.05 \cdot $	72.6
14.4 74.4 75.9 75.4 75.4 77.1 77.6 77.6 78.1 78.1 78.1	7E . 1
75.9 75.9 73.6 79.1 79.1 79.3 30.4 30.4 30.9 30.9 90.5	80 .9
- 51.2 31.2 52.9 53.4 53.7 34.7 95.4 95.4 85.9 85.0 85.4	55.3
21.9 21.9 33.9 34.7 34.9 35.9 36.9 36.9 57.4 57.4 57.4	57.4
<u> </u>	89.4
03.4 83.4 85.4 36.9 87.2 88.7 89.9 89.9 90.5 90.5	90.5
94.7 44.7 36.9 36.4 88.7 90.5 92.0 92.0 92.5 92.5 92.5	92.5
85.2 85.2 87.7 89.4 89.7 91.5 93.2 93.2 93.7 93.7 94.2	94.2
35.2 33.4 34.2 90.2 90.5 92.2 94.0 34.0 34.7 94.7 95.5	95.5
35.2 85.4 88.4 91.2 92.0 94.5 96.2 96.2 97.0 97.3 98.3	98.0
35.4 35.7 88.7 91.5 92.2 94.7 96.5 96.5 97.5 97.5 99.7	98.7
45.4 85.7 85.7 91.5 92.2 95.0 96.7 95.7 97.7 97.7 99.5	100.0
35.4 85.7 33.7 91.5 92.2 95.0 96.7 96.7 97.7 97.7 99.5	100.0

OPERATING LOCATION MANUSAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF DOCURRENCE OF CEILING VERSUS VIS FROM HOURLY OBSERVATIONS

ST	ATION 5	NUMBER:	726436		IAN NEIT		C FLD AN	GB WÎ			PERIOD HTMOM		<u>เกิริ</u> กะ
	• • • • • •	• • • • • •	• • • • • • •		• • • • • •					411.56	• • • • • •	• • • • • •	••••••
	ILING In	GE	GE	GE	GE	SE	GE 65	GE GE	STATUTE SE	GF.	G.E	SE	GE
	EET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/A
• •	• • • • • •			• • • • • •	• • • • • •	• • • • • •					• • • • • •	• • • • • •	• • • • • • • • •
NO	CEIL	39.5	40.4	40.9	41.3	41.4	41.6	41.7	41.7	41.7	41.7	41.9	41.8
GE	20303	46.9	48.1	45.5	49.0	49.2	49.4	49.6	47.6	49.5	49.5	49.7	49.7
GE	18000	47.1	43.3	43.8	49.2	49.4	49.0	49.3	49.8	49.A	49.8	49.9	49.3
	16000	47.1	48.3	49.8	49.2	49.4	49.6	47.5	49.8	49.3	49.6	49.9	49.9
GE	14000	47.7	48.9	49.4	49.8	50.0	50.2	50.4	50.4	50.4	50.4	50.5	50.5
Ĉ٤	12000	49.4	50.9	51.4	51.8	52.0	52.1	52.3	52.3	52.3	52.3	52.4	52.4
GE	10000	52.1	53.5	54.3	54.7	54.7	55.1	55.3	55.3	55.3	55.3	55.4	55.4
GE.	9300	52.7	54.3	55.1	55.5	55.7	55.9	55.1	56.1	56.1	56.1	56.2	56.2
GE	3000	53.7	55.4	56.2	56.5	55.3	57.0	57.2	57.2	57.2	57.3	57.4	57.4
GE	7000	54.4	56.1	56.9	57.3	57.6	57.8	58.0	55.0	53.0	53.1	54.2	54.2
GE	6000	55.2	56.3	57.7	58.1	58.4	58.6	54.8	58.∂	53.8	50.9	59.0	59.0
GF	5022	56.1	57.9	53.3	59.2	57.5	59.7	59.9	50.9	59.9	50.0	60.1	60.1
ĞĘ	4500	57.6	59.5	50.4	50 s	61.1	61.3	61.5	61.5	51.5	61.6	61.7	51.7
ĞÈ	4000	58.2	50.1	51.0	51.5	61.8	62.0	62.5	62.5	62.5	52.5	62.7	
GE	3500	59.3	51.1	52.1	52.6	62.9	53.1	53.6	53.5	53.5	63.7	63.8	63.P
SE	3000	61.2	63.2	54.2	54.7	65.1	65.3	65.9	55.9	55.9	66.0	66.1	66.1
ge.	2500	65.4	67.5	63.8	49.5	70.0	70.2	70.3	70.6	70.3	70.9	71.0	71.0
SE	2000	69.0	71.7	73.0	74.0	74.5	74.3	75.4	75.4	75.4	75.5	75.6	75.6
ĞĒ	1800	69.5	72.2	73.6	74.5	75.2	75.4	76.0	75.0	76.0	76.1	76.2	76.2
GE	1500	72.7	75.6	77.1	75.3	72.0	79.4	ac.1	40.2	50.2	PO . 3	80.5	80.5
GE	1200	73.6	76.7	78.5	80.4	21.9	92.3	-3.0	33.1	83.1	83.2	83.5	83.5
GE	1000	74.5	77.7	30.1	32.5	84.8	65.4	85∙1	95.2	95.2	35.4	96 . 0	96.9
GE	900	74.9	78.3	31.0	43.7	85.9	86∙8	37.7	87.8	37.3	38.0	88.6	89.7
GE	200	75.4	73.8	81.6	54.4	85.8	87.8	89.5	33.9	33.9	39.2	39.9	90.0
GE	700	75.3	79.2	52.1	35.4	93.1	99.1	90.1	70.4	90.4	90.9	91.7	91.8
G.F.	500	76.0	79.4	92.6	85.1	89.2	90.2	91.5	91.9	91.9	92.5	93.4	93.7
GE	500	76.2	79.7	33.3	86.9	90.0	91.3	92.9	23.4	93.5	94.4	95.3	95.6
GE	400	76.3	79.×	33.4	87.0	93.1	91.4	93.2	93.6	93.9	95.0	96.0	96.3
GÉ	300	76.3	79.6	33.4	37.1	92.2	91.5	93.5	94•I	94.3	75.5	97.1	97.5
GE	200	76.3	79.8	43.4	87.1	20.2	91.5	93.5	94.1	24.3	95.5	97.2	97.7
36	100	76.3	79.8	33.4	a 7 · 1	93.2	91.5	93.5	94.1	94.3	95.6	97.3	97.A
GE	000	76.3	7 9.6	33.4	٩7.1	90.2	91.5	93.5	94.1	94.3	95.6	97.3	97.8

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

IT;

	AME: VOL 6: + 6	K FLO AT	NGB WI			PERIDO HINOM	OF RECO	TRD: AT		JUL 88			
Ì		VISIBIL	ITY IN	STATUTE	MILES	•••••	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • •	
	95 3	GE 2 1/2	GË	S€	GE 1 1/4			GE 5/8	GE 1/2	GE 3/9	GE 1/4	GE O	
1		• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
1	41.4	41.6	41.7	41.7	41.7	41.7	41.9	41.8	41.8	41.9	41.9	41.9	
1	49.2	49.4	49.6	49.6	49.5	49.5	49.7	49.7	49.7	49.7	49.5	49.5	
4	49.4	49.5	49.3	49.8	49.A	49.8	49.9	49.9	49.9	44.9	50.0	50.0	
1	49.4	49.6	47.8	49.8	49.3	49.8	49.9	49.9	49.9	49.9	50.0	55.0	• •
Į	50.0	50.2	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	
1	52.0	52.1	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.5	52.5	
1	54.7	55.1	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.5	55.5	
1	55.7	55.9	55.1	56.1	56.1	56.1	56.2	56.2	56.2	55 . 2	56.3	56.3	
1	55.8	57.0	57.2	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.5	
Ą	57.6	57.8	53.0	55.0	53.0	53.1	58.2	54.2	53.2	56.2	58.3	58.3	
1	59.4	58.6	59.8	58∙მ	53.8	58.9	59.0	59.0	59.0	59.0	59.1	59.1	
1	ر 5) , 5	59.7	59.9	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.2	60.2	
1	61.1	61.3	61.5	61.5	61.5	61.6	61.7	61.7	51.7	61.7	61.8	61.3	
1	61.8	52.0	62.5	62.5	62.5	52.5	62.7	62.7	62.7	62.7	52.A	62.9	
1	62.9	53.1	63.6	53.6	63.6	63.7	63.8	63.8	63.8	53 . 9	53.9	63.9	
1	55.1	65.3	65.9	55.9	55.9	66.0	66.1	56.1	66.1	66.1	65.2	66.2	
1	73.0	70.2	70.8	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.1	71.1	
1	74.5	74.3	75.4	75.4	75.4	75.5	75.6	75.6	75.6	75.5	75.7	75.7	
1	75.2	75.4	76.0	75.0	76.0	76.1	76.2	76.2	75.2	76.2	75.3	75.3	
1	77.0	79.4	90.1	30.2	80.2	PO.3	80.5	80.5	90.5	50.5	80.6	30.5	
1	41.9	92.3	53.0	33.1	83.1	83.2	83.5	83.5	33.5	83.5	33.5	43.6	
1	₹4.3	85.4	85.1	95.2	35.2	36.4	86.0	36.9	87.0	47.0	57 . 1	€7.1	
4	B 5. 9	86. H	87.7	87.8	97.3	38.0	88.6	89.7	89.3	84.3	86.9	34.9	
ı	55.8	8 7. 8	89.3	89 .9	88.9	59.2	89.9	90.0	90.2	90.2	90.3	90.3	
1	ಎ3.1	99.1	90.1	90.4	90.4	90.9	91.7	91.8	32.0	92.0	92.1	92.1	
	33.2	90.2	91.5	91.9	91.9	92.5	93.4	93.7	94.0	94.0	94.1	94.1	
1	90.0	91.3	92.9	93.4	93.5	94.4	95.3	95.6	96.4	95.4	95.5	96.5	
1	90.1	91.4	93.2	93.8	93.9	95.0	96.0	96.3	97.1	97.1	97.4	97.4	
4	99.2	91.5	93.5	94.I	94.3	95.5	97.1	97.5	98.2		98.5	73.5	
1	90.2	91.5	93.5	94.1	94.3	95.6	97.2	97.7	93.4	98.4	98.9	98.9	
1	93.2	91.5	93.5	94.1	94.3	95.6	97.3	97.R	95.B	98.3	99.7	99.9	
	93.2	91.5	93.5	94.1	94.3	95.6	97.3	97.8	98.8	98.9	99.8	100.0	=

OPERATING LOCATION "A" USAFETAC. ASHFVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY OBSERVATIONS

ST	ÁTION N	IUMBER:	726435		AN NOTE		K FLD AN	GB #I			CCIRIQ HTMDM	MAR	CORD: HOURS:	
	ILING	•••••	• • • • • • •	• • • • • •	• • • • • •			TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • •	• • • •
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
	EET	7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/8	1
	• • • • • •		• • • • • • •				• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •			• • • •
NΩ	CEIL	41.4	42.3	42.7	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	4
GE	20000	51.2	52.0	52.7	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	5
	19000	51.3	52.1	52.3	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	5
	15000	51.3	52.1	52.8	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	
GE	14000	51.4	52.2	52.9	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	5
СĒ	12000	52.5	53.4	54.1	54.4	54.4	54.4	54.6	54.6	54.6	54.5	54.6	54.6	5
GE	10000	54.7	55.6	55.4	56.9	57.0	57.0	57.2	57.3	57.3	57.3	57.3	57.3	5
GE	9000	55.1	56.0	56.3	57.3	57.4	57.4	57.5	57.6	57.6	57.6	57.6		
GE	8000	56.4	57.4	58.2	53.7	59.1	59.1	59.3	59.4	59.4	59.4	59.4	59.4	5
GE	7000	57.3	58.3	59.1	59.6	50.0	60.0	50.2	50.3	60.3	50.3	50.3	60.3	á
GE	6000	57.3	58.9	59.7	50.2	50.5	67.5	50.7	60.8	50.3	60.3	60.R	50.3	5
SE	5000	59.0	59.1	50.0	50.5	5).9	50.9	61.1	51.2	61.2	51.2	61.2	61.2	6
SE	4500	59.1	50.3	51.1	51.7	52.1	62.1	62.3	52.4	52.4	52.4	52.4	62.4	6
GE	4000	61.4	62.7	63.6	64.2	64.6	54.6	64.3	54.9	54.9	65.0	65.0	65.0	4
SE	3500	53.7	55.0	66.0	55.5	67.1	67.3	67.5	57.6	67.5	67.7	67.7		
G.F	3000	67.1	55.5	59.5	70.5	71.2	71.4	71.5	71.7	71.7	71.8	71.8	71.9	7
ĢF	2300	70.7	72.1	73.1	74.2	74.9	75.0	75.2	75.3	75.3	75.4	75.4	75.4	7
GF	5000	74.1	75.9	75.9	78.2	73.9	79.2	79.4	79.5	79.5	79.6	79.6	79.6	7
GE	1800	75.2	77.1	78.1	79.5	30.3	80.5	੫0 • ਰ	30.3	30.9	80.9	30.9	80.9	
GH	1500	78.1	80.3	A1.4	83.1	34.4	94.स	H5.0	95.1	85.1	85.2	85.3		
GE	1200	78 • 9	91.1	52.5	85.7	36.4	95.ª	36.7	37.C	87.0	87.1	97.2	87.2	4
Ge	1000	79.5	५1.9	33.4	46.3	49.0	58.7	69.1	59.4	99.4	49.6	90.2	90.2	q
G E	300	79.5	32.0	33.7	55.7	84.5	39.2	87.5	99.9	39.7	90.1	90.5		
GE	800	79.8	P2.4	44.4	87.5	83.6	വം 2	90.7	₹1.3	91.3	91.3	92.6		
ĢΕ	700	30.1	32.3	85.0	88.6	90.7	01.5	92.0	ა5∙6	92.6	93.0	93,9		
GE	000	80.4	83.1	35.4	37.2	91.4	92.3	92.9	93.5	93.6	94.3	45.2	95.2	ú
C E	500	80.7	93.5	36.2	90.3	92.6	93.4	94.4	95.2	95.4	96.0	97.2		9
GΞ	400	8C.7	83.5	35.2	90.3	92.6	93.4	94.4	35.4	95.5	96.6	97.8		
GE	300	80.7	93.5	36.2	90.3	92.6	93.4	94.7	95.6	95.9	97.3	98.5		
GE	200	80.7	83.5	36.2	90.3	72.6	93.4	94.7	95.7	96.0	97.4	98.5		
GE	100	30.7	23.5	86.2	90.3	92.6	93.4	94.7	95.7	96.0	97.4	98.5	98.7	9
GE	000	80.7	93.5	86.2	90.3	92.5	93.4	94.7	95.7	96.0	97.4	98.5	98.7	9

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

סזע רק	: + 5	K FLD AI		••••		MONTH:		HOURS:	12-14			• • • • •	
}		AISIBIF	ITY IN	STATUTE	MILES								
3E	GE	GE	GE	GE 1 1/2	GE	GE	GE	56	GE	U .	G.F	ડદ્	
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5 / 8	1/2	373	1/4	5	
	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	
+2.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	
53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	
53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
73.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	•
53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	F 7.5	53.5	
54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.4	54.5	
15.9	57.0	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	
7.3	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.5	57.h		
52.7	59.1	59.1	59.3	59.4	59.4	59.4	59.4	59.4		59.4	59.4		
-, 1 . 43		60.0	50.2	50.3	60.3	50.3	60.3	60.3		60.3	57.3		
2.60	60.5	67.5	50.7	60.8	60.8	60.3	60.8	60.3	50.8	60.3	49 · 9		
11 5	57.9	50.9	61.1	51.2	51.2	51.2	61.2	61.2	61.2	51.2	51.2	61.2	
51.7	62.1	62.1	62.3	52.4	52.4	52.4	52.4	62.4	62.4	52.4	52.4		
54.2	54.6	54.6	64.8	54.9	54.9	65.0	65.0	65.0	55.0	65.3	45.0		
55.5	67.1	67.3	67.5	67.6	67.5	67.7	67.7	67.7		67.7	67.7		
77.5		71.4	71.5	71.7	71.7	71.4	71.9	71.9	71.8	71.4	71.		
74.2	74.9	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
12	73.9	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.0	79.5		
19.5	30.3	80.6	80.8	30.9	30.9	80.9	50.9	80.9	90.9	30.9	40.3		
3.1	34.4	84.8	P5.0	95.1	85.1	85.2	85.3	85.3	85.3	35.3	45.3		
··.)	36.4	85.9	36.9	37.0	87.0	87.1	97.2	87.2	37.2	37.2	97.2		
····3	48.0	68.7	89.1	99.4	99.4	39.6	90.2	90.2	90.2	90.2	90.2	90.2	
.5.7	83.5	89.2	87.5	99.9	39.9	90.1	90.5	90.8	90.3	90.R	90.8		
17.5	89.6	90.2	90.7	91.3	91.3	91.8	92.6	92.6	92.6	92.6	92.5	92.6	
1.1.5	90.7	91.5	92.0	92.6	92.6	93.0	93.9	93.9	73.9	93.9	43.7		
39.2	91.4	92.3	92.9	93.5	93.8	94.3	95.2	95.2	95.2	95.2	95.2	95.2	
70.3	92.6	93.4	94.4	95.2	95.4	96.0	97.2	97.2	97.4	97.4	97.4	97.4	
10.3	92.6	93.4	94.4	95.4	95.6	96.6	97.8	97.8	98.0	98.0	93.0	98.0	
19.3	92.6	93.4	94.7	95.6	95.9		98.5	99.6	98.8			-9E.8	
30.3	92.6	93.4	94.7	95.7	96.0	97.4	98.5	98.7		99.2	99.3	36.3	
90.3	92.6	93.4	94.7	95.7	96.0	97.4	98.5	98.7	99.2	99.4	99.9	99.9	
10.3	92.5	93.4	94.7	95.7	96.0	97.4	98.5	98.7	99.2	99.4	97.9	100.0	

OPERATING LOCATION MAN USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VER FROM HOURLY DESCRIPTIONS

STA	ATION I	NUMBER	725436	LST	TO UTC	: + 6	K FLD AN	iGB ∦I			PERIOD MONTH:	OF REC	UDH HOL
CEI	LING	• • • • • •	•••••	• • • • • •	• • • • • • •		VISIBILI	TY IN	STATUTE	MILES	• • • • • • •	• • • • • •	• • • •
I	N	GE	GE	GE	GE	S€	GĒ	GE	GË	GE	GE	GE	
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	•
• • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • •
ОN	CEIL	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	4
-	20000	53.1	53.5	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
	18000	53.2	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
	16000	53.2	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	•
	14000	53.4	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	£ .
GE	12000	54.3	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
GE	10000	56.2	57.1	57.8	58.0	53.0	58.0	58.0	58.0	58.0	55.0	58.0	
GE	9000	56.4	5 7. 2	58.0	59.1	53.1	58.1	58.1	5러.1	58.1	59.1	58.1	c
GE	8000	57.8	58.7	59.5	59.3	60.1	60.1	60.1	50.1	50.1	50.1	50.1	*
GE	7000	59.0	60.1	61.0	61.1	61.4	51.4	61.4	51.4	01.4	61.4	51.4	4.
GE	6000	59.5	50.5	61.4	61.6	61.9	61.9	61.9	61.9	62.0	62.0	62.0	6
GF	5000	60.2	61.3	52.2	62.3	62.6	62.5	62.6	52.6	52.8	52.5	62.9	ć
GE	4500	61.0	52.0	52.9	63.1	63.4	63.4	63.4	63.4	63.5	63.5	63.5	6
GE	4000	63.5	64.7	65.8	65.9	56.2	66.2	65.2	66.2	60.4	56.4	65.4	ć
GE	3500	65.5	56.º	67.9	69.5	63.8	68.8	68.8	58.3	68.9	64.9	63.9	٤
GE	3000	70.3	71.5	72 • ⁹	73.5	74.0	74.0	74.0	74.0	74.1	74.1	74.1	7
ÇF	2500	74.4	75.8	77.1	77.9	73.3	79.5	73.5	75.5	73.8	78.8	78.8	7
GE	5000	77.1	79.2	30.7	81.9	82.4	82.5	82.7	92.7	ი3.ე	33.0	83.1	1
GE	1300	78.0	33.1	91.6	82.8	83.3	R3.4	83.5	33.6	43.9	43.9	P4.0	9
ĜE.	1500	90.3	52 .7	94.5	95.9	36.5	86.7	47.0	47.3	37.6	87.9	69.0	ન
GE	1200	50.6	A3.3	ö5.4	97.1	93 • 2	99.3	58.S	99.1	R 7.4	89 .7	99.6	a
GF	1000	81.2	83.9	36.1	87.9	33.9	29.1	93.3	90.4	96.7	71.2	91.5	Ģ
GE	900	81.3	54.2	36.3	83.6	39.7	59.5	90.7	91.2	91.5	71.9	92.2	7
ÇF.	800	81.6	84.5	87.3	89.2	97.6	90.7	91.5	92.1	72.5	93.1	93.4	d
٥e	700	91.6	74.5	87.3	99.4	90.7	90.9	92.2	72.7	93.1	94.2	74.6	9
GF	500	81.8	94. A	87.6	90.1	91.5	91. 8	93.1	93.9	94.3	95.4	95.5	9
GE	500	81.5	34.8	37.6	90.1	91.9	72.1	93.7	34.5	94.9	26.0	96.7	3
GE	400	81.8	84.8	B7.6	90.1	91.8	92.1	43.7	94.6	75.1	96.4	97.2	ą
SE	300	81.8	84.8	87.6	90.1	91.8	92.1	94.2	25.1	75.7	97.5	78.4	3
G E	200	81.8	84.8	87.6	90.1	91.8	92.1	94.2	95.1	95.7	97.5	98.5	9
SE	100	81.8	84.8	97.6	30.1	91.3	95.1	94.2	95.1	95.7	97.5	95.5	9
SE	000	81.8	34.8	37.5	90.1	91.8	92.1	94.2	95.1	95.7	97.5	98.5	9

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

TO UTC	: + 6	K FLD A				MONTH:		HOURS:	15-17		PF -4-2 F		
	•••••	******			411.55	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	
1	GE	AISTRIF	CE CE	STATUTE	AIFE?	CE	re	CE	GE	GE	SE	GE	
4	3	2 1/2	9 2	GE 1 1/2	1 1/4	9 C	3/4	5/8	1/2	3/8	1/4	ō	
	_	2 1/2			1 1/4								
		• • • • • • • •	• • • • • • • •						••••				
45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	
64.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
24.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.I	54.1	54.1	
14.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	
55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
1 44.3	53.0	58.0	59.0	58.0	58.0	55.0	58.0	58.0	58.0	53.0	55.0	58.0	
5-1	53.1	58.1	58.1	5러 · 1	58.1	58.1	58.1	58.1	53.1	50.1	50.1	58.1	
-9.3	50.1	60.1	60.1	50.1	00.1	50.1	50.1	60.1	60.1	50.1	60 .1	760.I	
51.1	61.4	51.4	61.4	51.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
51.6	51.9	61.9	51. 9	61.9	62.0	65.0	62.0	62.0	52.0	62.0	62.0	62.0	
52.3	62.6	52.5	62.6	52.6	52.8	52.8	62.3	62.8	62.3	62.8	42.3	52.3	
53.1	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	53.5	63.5	63.5	63.5	
~ E	66.2	66.2	65.2	66.2	66.4	56.4	65.4	66.4	65.4	66.4	65.4	65.4	
94.5	43.9	68.3	58.8	58 · 3	68.9	68.9	68.9	68.9	58.9	63.3	59.9	66.9	
73.5	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
77.)	73.3	79.5	73.5	76.5	73.8	78.8	78.8	75.8	79.8	73.9	75.8	70.3	
71.7	82.4	82.5	82.7	52.7	23.0	33.0	83.1	83.1	33.1	43.1	d3.1	83.1	
-2.a	93.3	R3.4	33.5	33.6	33.9	33.9	P4.0	94.0	84.0	84.0	B4.0		•
32.7	36.5	36.7	87.0	37.3	87.6	87.9	69.0		44.0	83.0	38.0	3e.0	
°7.1	83 •2	89.3	88.8	99.1	R9.4	89.7	49.E	89.3	87.8	89.8	89.8	89.8	
-7.3	33.9	39.1	93.3	90.4	90.7	91.2	91.5	91.5	91.5	91.5	91.5	91.5	
" d • 5	39.7	59.8	90.7	91.2	91.5	71.9	92.2	92.2	92.2	92.2	92.2	92.2	
39.2	90.6	90.7	91.5	92.1	92.5	93.1	93.4	93.4	93.4	93.4	93.4	93.4	
19.4	90.7	90.9	92.2	92.7	93.1	94.2	94.6	94.3	94.B	94.9	94.7		
90.1	91.5	91.8	93.1	93.9	94.3	95.4	95.8	95.0	95.0	95.1	75.1	96.I	
90.1	91.8	92.1	93.7	34.5	94.9	76.0	96.7	96.9	37.0	97.2	97.2	97.2	
90.1	91.8	92.1	93.7	94.6	75.1	96.4	97.2	97.3	97.5	97.5	97.5	97.6	
70.1	91.8	92.1	94.2	75.I	75.7		98.4					99.3	
90.1	91.6	92.1	94.2	95.1	95.7	97.5	98.5	98.7	99.4	99.5	99.6	99.7	
)(• I	91.3	92.1	94.2	95.1	95.7	97.5	98.5	98.7	99.4	99.6	99.7	100.0	•
→ C • 1	91.P	92.1	94.2	95.1	95.7	97.5	98.5	98.7	99.4	99.6	99.9	100.0	
• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	= -

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS FROM HOUPLY JUSTIANS

STA	ITION N	IUMBER:	726435	LST	TO UTC	: + 6	C FLD AN	IGB ⊮I			MONTH:	OF RECO	U₹S:
CFI	LING	, 	• • • • • • •		• • • • • • •		VISIBILI	TY IN	STATUTE	MILES	• • • • • • •	• • • • • • •	• • • • •
	IN.	GE	GE	GĒ	GE	GE	GE	GE	GE	GE	GE	GE	G.F
	ET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/0
• • •		• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • •
NO	CEIL	40.9	41.8	42.2	42.4	42.5	42.5	42.7	42.7	42.7	42.9	42.8	42.
GE	20000	49.2	50.1	50.8	51.1	51.1	51.2	51.4	51.4	51.4	51.5	51.6	51.
	18000	49.4	50.3	50.9	51.3	51.3	51.4	51.5	51.6	51.5	51.6	51.7	51.
	16000	49.4	50.3	50.9	51.3	51.3	51.4	51.6	51.6	51.6	51.5	51.7	51.
	14000	49.7	50.K	51.2	51.5	51.6	51.7	51.9	51.9	51.9	51.9	52.0	52.
GE	12000	50.9	51.9	52.0	52.9	53.0	53.0	53.2	53.2	53.2	53.3	53.4	53.
SF	10000	53.3	54.4	55.2	55.6	55.7	55.7	55.⊀	55.0	56.0	56.0	56.1	٩ń.
SE	9000	53.7	54.9	55.7	55.1	55.2	56.3	55.5	56.5	55.5	56.5	56.7	56.
GE	8000	54.9	56.2	57.0	57.4	57.7	57.9	54.0	58.0	59.0	58.1	58.2	50.
GE	7000	55.3	57.1	59.0	54.4	53.7	58.A	59.0	59.0	59.0	59.1	59.2	59.
GE	6000	55.6	57.9	59.5	59.2	59.5	59.6	59.9	59.3	59.9	60.0	60.1	50.
GE	5000	57.2	58.5	59.5	69.9	60.3	50.3	60.5	50.6	50.6	50.7	60.5	50·
GE	4500	53.4	59 • ·	40.5	51.2	61.5	51.5	61.3	51.9	51.9	52.0	62.1	62.
GE	4000	50.0	51.4	62.5	52.9	63.3	53.4	53.7	53.4	63.8	63.9	54.0	64.
GE	3500	61.7	63.2	54.3	54.5	65.2	45.3	65.7	55.4	65.5	65.9	56.0	66.
GΕ	3000	64.7	65.3	67.4	5ª.1	51.7	५५•ध	69.2	59.2	69.3	69.4	69.5	69.
C E	2500	68.5	70.2	71.4	72.3	72.3	73.0	73.4	73.4	73.5	73.6	73.7	73.
GE	2000	71.5	73.9	75.2	76.3	77.0	77.2	77.5	77.7	77.3	77.9	78.0	78.
GE	1900	72.4	74.7	76.1	77.2	77.9	78.1	78.5	70.6	73.7	78.3	78.9	79.
GF	1500	75.4	79.0	79.5	50 . H	31.3	52.1	82.7	32.8	2.9	£3.1	83.3	93.
GE	1200	76.2	79	80.7	82.7	34.1	P4.4	H5.0	35.2	35.2	55.5	85.7	35.
GE	1000	77.0	79.5	92.0	54.4	96.3	36.7	27.5	57 . 8	17.9	38.3	86.8	98.
GE	900	77.2	90.2	02.6	35.2	87.1	87.6	მ∺.5	33.5	99.g	39.3	94.9	90.
GE	300	77.5	40.5	93.3	36.0	80.1	88.6	89.6	90.0	90.1	90.7	91.4	91.
GΞ	700	77.8	80 . 9	33.7	96.7	98.9	59.5	90.6	91.2	91.3	92.0	92.4	92.
GF	600	78.0	31.2	84.1	87.4	39.8	90.5	91.8	92.4	92.5	93.4	94.3	94.
GΕ	500	78.2	91.4	34.5	88.1	90.6	91.4	92.9	93.7	93.9	94.9	96.0	96.
GE	400	78.2	81.4	34.6	88.1	90.7	91.5	93.1	94.0	74.3	95.5	95.6	95.
GE	300	73.2	81.4	P4.5	85.2	90.7	91.5	93.4	94.5	94.8	96.4	97.7	97.
GE	200	78.2	81.4	84.6	98.2	90.7	91.5	93.4	34.5	94.9	95.5	97. F	વનુ.
GE	100	78.2	81.4	84.6	88.2	90.7	91.5	93.4	94.5	94.9	96.5	97.9	da.
SE	000	73.2	81.4	34.6	88.2	90.7	91.5	93.4	94.5	94.9	96.5	97.9	9 8.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY DESERVATIONS

	+ 6			******		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • •	
		ISIBILI	TY IN S	TAIDIE	wire?	ĢE	GE	G.F	G t	GE	GE	GΕ	
5 Ē 4	GE 3	GE 2 1/2	GE 2	ς <u>ε</u> 1 1/2	GE 1 1/4	ĩ	3/4	5/3	1/2	3/3	1/4	0	
						• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • •	
42.4	42.5	42.5	42.7	42.7	42.7	42.8	42.5	42.8	42.9	42.9	42.9	42.9	
	51.1	51.2	51.4	51.4	51.4	51.5	51.6	51.6	51.6	51.0	51.5	51.6	
1.1		51.4	51.6	51.6	51.6	51.6	51.7	51.7	51.4	51.8	51.3	51.3	
51.3	51.3	51.4	51.6	51.6	51.5	51.5	51.7	51.7	51.A	51.A	51.5	51.3	
51.3	51.3		51.9	51.9	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52 • 1	
51.^ 52.9	51.6 53.0	51.7 53.0	53.2	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.5	53.5	
				= 6 D	56 O	56.0	56.1	56.l	55.2	56.2	50.2	50.2	
15.6	55.7	55.7	55.9	55.0	56.0	56.5	56.7	56.7	56.7	56.7	55.3	55.5	
56 • l	55.2	56.3	55.5	56.5	55.5		58.2	58.2	53.3	58.3	55.3	56.3	
57.4	57.7	57.9	58.0	58.0	58.0	58.1	59.2	59.2	57.3	54.3	69.3	59.3	
54.4	53 .7	58•8	59.0	59.0	59.0	59.1		50.1	50.1	60.1	50.2	50.2	
59.2	59.5	59.6	59.8	59.3	53.9	60.0	60.1	50.1	30.4	00.1	300		
	())	40.3	60.5	50.6	50.6	50.7	60.8	50.3	60.9	50.9	50.9	60.3	
49.9	63.3	60.3	61.3	51.9	51.9	62.0	62.1	02.1	62.1	62.1	62.2	62.2	
51.2	61.5	51.5			63.8	63.9	64.0	64.0	54.1	04.1	54.1	64.1	
52.9	63.3	63.4	63.7	53.8	65.5	65.9	66.0	66.0	56.1	66.1	56.1	66.1	
54.5	65.2	55.3	65.7	55.3	69.3	69.4	69.5	69.5	69.6	69.6	69.5	69.6	
50.1	69.7	69. 8	69.2	59.2	07.5	0747	0,,,	0.45					
72.3	72.3	73.0	73.4	73.4	73.5	73.6	73.7	73.7	73.A	73.9	73.3	73.9	
	77.0	77.2	77.5	77.7	77.3	77.9	78.0	78.0	73.1	78.1	73.1	78.1	
76.3		78.1	78.5	7a 6	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.0	
77.2	77.9	52.1	82.7	32.8	82.9	83.1	83.3	83.3	43.4	83.4	33.4	23.4	
50•੯ 82•7	31.3	84.4	55.0	35.2	85.2	55.5	85.7	85.7	35.5	85.8	45.4	35.A	
112.	,,,,						.5.4. /	0.0 0	R3.9	A3.0	50.9	35.9	
1,4.4	46.3	36.7	97.5	57.8	37.3	38.3	88.8	36.3		90.0	90.0	90.0	
35.2	57.1	87.6	84.5	83.8	38.9	39.3	89.9	99.9	90.0		71.5	91.5	
36.0	93.1	68.6	89.6	90.0	90.1	90.7	91.4	91.5	31.6	91.6		33.1	
80.7	48.9	89.5	90.6	91.2	91.3	92.0	92.8	92.9	93.0	93.1	93.1	94.7	
87.4	39.8	90.5	91.5	92.4	92.5	93.4	94.3	94.4	94.5	94.7	34.7	77 4 1	
98 .1	90.6	91.4	92.9	93.7	93.9	94.9	96.0	96.1	96.5	96.5	95.6	96.6	
88.I	90.7	91.5	93.1	94.0	94.3	95.5	96.6	96.7	97.2	97.2	97.4	97.4	
	99.7	91.5	93.4	94.5	94.8	96.4	97.7	97.9	73.5	98.5	79.7		
a5+2 3≥ 3		91.5	93.4	24.5	94.9	95.5	97.8	98.1	99.8	98.3	99.2	39.5	
46.2 45.2	90.7 90.7	91.5	93.4	94.5	94.9	96.5	97.9	98.1	93.9	99.0	99.3	39.9	
aa.2	30.7	91.5	93.4	94.5	94.9	96.5	97.9	98.1	98.9	99.0	99.9	100.0	

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OPERATING LOCATION MAN USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI FROM HOURLY OBSERVATIONS

		• • • • • • •			• • • • • • •				• • • • • • •			
CEILING						/15181LT						
I N	ĢĘ	GE	GE	S€	SE	GE	GE	35	GF	GE	ĜE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3
· • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
NO CEIL	44.5	46.0	40.4	46.4	45.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9
SE 20000	49.7	51.3	51.7	51.7	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 18000	50.3	51.7	52.2	52.2	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	50.3	51.7	52.2	52.2	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	51.0	52.4	52.9	52.9	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	53.3	54.7	55 • 2	55.2	55.4	55.7	55.7	55.7	55 .7	55.7	55.7	55.7
SE 10000	57.3	58.7	59.4	59.4	54.5	59.8	59.3	59.8	59.8	59 . 4	59.H	59.4
SE 9000	57.5	59.1	59.5	59.3	6).0	50.3	50.3	53.3	50.3	50.3	57.3	50.3
35 3333	61.2	63.3	54.0	54.2	54.4	54.7	b4.7	54.7	54.7	54.7	54.7	54.7
SE 7000	61.7	63.7	64.4	64.7	54.9	65.1	05.1	65•I	55.1	55.1	65.1	65.1
SF 6000	63.5	55 . 8	66.5	55.7	57.0	47.2	57.2	67.2	67.2	57.2	67.2	67.2
5000	54.0	66.3	57.2	57.7	67.9	58 .1	63.1	63.1	63.1	49.1	68.1	5 F . 1
GF 4500	64.7	57.0	67.9	53.4	63.6	63.8	55.3	58.8	58.3	58.8	50.3	64.3
SE 4000	67.2	69.5	77.7	71.1	71.4	71.6	71.5	71.6	71.6	71.5	71.5	71.6
SE 3500	57.7	70.2	71.4	71.5	72.3	72.5	72.5	72.5	72.5	72.5	12.5	72.5
GE 3000	59.7	73.2	74.4	74.9	75.3	75.9	75.3	75.8	75.5	75.8	75.P	75
SE 2500	70.2	73.9	75.3	75.8	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1
F 2001	72.3	75.2	77.3	75.3	74.4	79.9	79.3	79.9	74.9	77.7	77.4	79.9
35 1A00	72.7	76.7	78.3	79.5	77.9	40∙6	33.5	80.6	30.6	30.6	80.6	80.5
SE 1500	74.4	78.3	F.O. b	31.1	32.4	53.1	H3.1	33·1	33.1	33.1	63.1	53.1
GF 1200	75.5	70.9	31.5	33.6	A5.0	85 .7	35.7	₽5.7	95.7	85 .7	25.7	۶۳.7
GE 1000	76.0	80.6	32.7	35.0	35.4	87.5	A7.5	~7.5	47.5	o 7.5	67.5	37.5
3E 900	76.2	80.8	33.1	35.7	87.1	49.2	89.7	36.7	43.7	53.7	58.9	45. 7
; = 200	76.7	41.5	34.1	80.0	33.5	59 . 8	93.3	90.5	40.5	90.4	91.0	91.3
SE 700	76.7	P1.3	34.5	37.1	93.9	90.3	90.8	91.0	91.0	91.5	91.7	91.7
SE 600	76.7	81.8	84.5	27.1	ಡಿ∌•ಕ	91.2	92.1	92.4	92.4	92.6	93.3	03.3
SE 500	76.9	82.0	34.9	37.5	91.5	93.3	94.2	94.5	94.7	95.2	96.1	95.3
SE 400	76.9	32.0	ਰ4 - ਜ਼ੋ	37.5	91.5	93.3	94.5	94.7	34.9	75.4	96.3	96.7
SE 300	76.9	92.0	44.4	47.5	91.5	93.3	94.5	34.7	34.9	96.1	97.2	97.5
SE 200	76.3	92.0	84.8	37.5	91.5	23.3	94.5	34.7	94.9	96.1	97.5	97.7
E 100	75.)	92.0	34.8	H 7. 5	91.5	93.3	94.5	74.7	94.9	76.1	97.5	97.7
	76.9	82.0	44.8			93.3	94.5	94.7				

PARCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

			STATUTE	MILES					• • • • • • •			
38		Gέ	SE	GF 1 1/4	GE	GE	GE	GE 143		6€ 146	GE	
 3			1 1/2					1/2	3/3	1/4) 	
45.7	46.9	46.9	46.9	46.9	45.7	46.9	46.9	45.9	45.9	45.9	47.1	
52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.4	
52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.9	
52.4	52.7	52.7	52 .7	52 .7	52.7	52.7	52.7	52.7	52.7	52.7	52.9	
53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.6	
55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.3	
54.6	59.3	59.3	59.8	59.8	59.8	59.H	59.8	59.2	59.8	59.3	60.3	
5).0	50.3	50.3	50.3	50.3	50.3	60.3	50.3	60.3	50.3	50.3	03.5	
54.4	54.7	04.7	54.7	54.7	54.7	54.7	64.7	64.7	64.7	54.7	64.)	
54.9	65.1	05.1	65.1	55.1	65.1	65.1	65.1	55.1	55.1	45.1	65.4	
		57.2	67.2		67.2	67.2	67.2	57.2	67.2	57.2	67.4	
57.0	57.2	51.5	51.2	67.2	01.2	11102	01.2	2142	01.2	31.2	91.4	
57.9	58 . I	63.1	53.1	63.1	58.1	68.1	58.1	53.1	50.1	58.1	68.4	
53.5	63.8	55.5	53 . 8	58.8	58.€	58.3	53 · 3	53.8	53.3	66.B	69.1	
71.4	71.5	71.5	71.5	71.6	71.5	71.6	71.6	71.6	71.5	71.5	71.3	
72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.7	
75.3	75.2	75.9	75.8	75.8	75.8	75.A	75.9	75.8	7 5∙8	75.3	76.0	
75.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	
71.4	79.9	79.3	79.9	79.9	79.9	79.9	79.2	79.9	79.9		30.1	
79.9	40.6	35.5	23.6		30.6	80.6	30.5	89.5	33.5	30.5	8.05	
32.4	53.1	43.1	₹3.1	33.1	83.1	83.1	53.1	83.1	83.1	93.1		
35.0	35.7	35.7	25.7	85.7	95.7	35 .7	85.7	35.7	25.7	45 .7	95.9	
35.4	87.5	H7.5	n7.5	47.5	87.5	67.5	87.5	87.5	57.5	47.5	n7.4	
∂7 .1	45.2	83.7	3e.7	33.7	88.7	88.9	88.9	84.0	ರಕ•9	30.9	æ9.1	
33 . 5	3 9. 8	90.3	99.5	99.5	90.3	91.0	91.5	91.0	91.0	71.0	91.2	
9.4	90.3	90.8	91.0	91.0	91.5	21.7	91.7	91.7	71.7	91.7	92.4	
∄)•ਰ	91.2	92.1	92.4	92.4	95.8	93.3	03.3	93.3	23.3	43.3	94.3	
91.5	93.3	74.2	94.5	94.7	25.2	96.1	96.3	96.5	96.3	36.3	27.5	
91.5	93.3	94.5	94.7	34.9	25.4	96.3	96.5	96.8	97.0	77.2	97.9	
91.5		94.5	74.7	94.9	96.1	97.2	97.5	98.2	93.4	73.5		
91.5	73.3	94.5	34.7	94.9	96.1	97.5	97.7	78.4	93.5	93.5		
91.5	93.3	94.5	34.7	94.9	76.1	97.5	97.7	98.4	, 9d , 6	ბნ. მ 	100.5	
91.5	73.3	94.5	94.7	34.9	96.1	97.5	97.7	93.4	98.5		100.0	

OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CCILING VERSUS (FROM HOURLY OBSERVATIONS

STA	* NCITA	4UMBE₽:	726435	LST	to utc	: + 6	K FLD AN				PERIOD MONTH:	APR	HOURS:
e e e	ILING	• • • • • •	• • • • • • • •	, • • • • • • •	• • • • • •		VISIBILI		STATUTE	MILES	•••••	• • • • • •	• • • • • • •
	IL ING IN	GE	G.S.	SE	GE	GE.	GE	SE.	GE	GE	GE	GE	Gē
	EET	7	5	5	4	3	2 1/2	2	1 1/2			3/4	5/5
	•••••		• • • • • • •			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	
NO.	CEIL	43.8	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
G E	23000	50.2	51.0	51.1	51.1	51.1	21.1	51.1	51.1	51.1	51.1	51.1	51.1
	13000	51.0	51.H	51.9	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	
	16000	51.0	F1.5	51.9	51.7	51.9	51.)	51.)	51.9	51.9	51.9	51.9	9 51
	14000	51.9	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	2.7
G٤	12000	54.1	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
G.F.	10000	55.7	57.5	57.5	57.5	57.6	57.5	57.5	57.6	57.5	57.5	57.6	57.5
g e	3000	57.4	54.2	5.3	68.3	53.3	58.3	54.3	24.3	50.3	58.3	58.3	
ĞE	£300	61.5	42.4	42.5	52.5	62.9	42.0	52.8	52.0	52.A	62.9	62.0	-
GΕ	7000	63.2	54.1	54.3	54.5	64.5	54.5	54.5	54.5	54.5	64.5	64.5	
SE	6000	54.6	55.5	55.7	55.9	65.9	45.9	65.9	45.9	55.9	65.9	45.9	65.9
5F	5000	65.2	66.2	1,6 4	66.7	65.7	56.7	50.7	55.7	55.7	o 6. 7	60.7	7 55.7
ζŗ	4500	55.7	55.7	58.1	57.2	57.2	57.2	67.2	57.2	57.2	67.2	67.2	
GE	4300	67.3	50.4	0.4	60.0	58.9	53.0	58.9	58.9	53.7	64.9	65.9	
ĞΕ	3500	69.0	70.1	70 3	70.5	70.5	70.5	70.6	70.5	70.5	72.6	70.5	70.5
GF.	3000	71.3	73.5	15.9	74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.0	74.4
SE	2500	73.3	75.6	75.4	76.5	77.0	77.0	77.5	77.1	77.3	77.3	77.4	77.4
5°	2000	77.1	79.1	77.7	ac.3	30.7	40.7	51.3	91.0	31.0	41.)	#1.1	
GË	1300	77.5	79.5	30.2	10.0	31.2	91.2	11.5	41.5	41.5	31.5	×1.5	61.5
GE	1500	61.2	0 3	24.5	35.4	46.0	36.0	46.3	₽6.4	96.4	86.4	P6.5	S BALL
GE	1860	92.7	15.0	34.3	-7.2	a7. a	97.9	26.3	88.4	58.4	ត្ ១ ត្	99.6	,
SF	1000	и3.7	25.7	37.4	3h. 7	49.7	, વ .વ	90.2	10.3	90.3	90.5	90.6	5 y3.5
ÇE	990	54.1	37.3	33.5	# 9 , 5	93.4	10.5	90.9	01.0	91.0	31.2	71.3	91.3
GE	300	54.4	97.3	89.2	90.3	91.6	31. ∺	92.5	92.5	92.6	92.0	92.9	92.9
SE	700	84.6	35.4	89.3	21.1	92.5	93.1	94.0	34.2	94.2	94.4	94.5	94.5
GE	500	34.9	44.5	77.1	71.5	73.1	33. ∃	94.7	94.9	94.9	95.1	95.3	95.3
GΕ	500	ø5 .1	34.9	90.5	12.4	74.3	75.2	26.1	15.3	96.3	96.5	96.7	95.
Ģŗ	400	A5.1	د وره	30.7	35.5	34.5	95.5	97.0	97.5	97.5	97.7	09.4	ଅନ୍ତ୍ର
GE	300	85.1	44.0	90.7	92.5	94.5	95.6	97.0	97.5	97.5	97.9	93.9	98.9
Ct	200	25.1	84.9	90.7	72.5	94.5	75.7	97.1	97.5	97.5	96.0	98.9	99.7
GE	100	B5.1	၄၉ ့ ရ	90.7	92.6	94.5	95.7	97.1	97.5	97.6	98.0	93.9	99.0
ĢF	000	A5.1	ਤੁਸ ਼ ਤ	20.7	72.5	94.5	75.7	97.1	97.6	17.5	99.0	98.9	99.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

T DOTC	: + 6	K FLO A	IIV HDN			ODIPSA :HIACK		ORD: A HOURS:		J UL 83		
• • • • • •		VISIBIL	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •
ĢF.	SE	GΞ	SE	G£	GΞ	SĒ	GE	Gē	GF	35	G£	SE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/d	1/4	0
* * * * * * * * *	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
41.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.0	51.9	51.9	51.9	51.3
51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
52.7	52 .7	52 .7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
47.6	57.6	57.5	57.6	57.6	57.5	57.5	57.6	57.6	57.6	57.6	67.	57 /
58.3	53.3	58.3	54.3	23.3	59.3	58.3	53.3	58.3	54.3	55.3	57.6 53.3	57.6
52.8	52.8	52.0	52.8	52.a	52.8	62 R	62.A	62 · R	52.8	62.3	52.0	55.3
54.5	64.5	64.5	54.5	54.5	54.5	64.5	64.5	64.5	64.5	64.5	54.5	52.1 54.5
- 55.0	65.9	55.9	65.4	55.9	55.9	65.9	65.9	65.9	65.9	55.7	45.9	55.9
(, 7		, , , ,										
65.7	55.7	50.7	55.7	55.7	55.7	05.7	66.7	66.7	66.7	66.7	50.7	∽6.7
57.2	57.2	57.2	67.2	57.2	57.2	67.2	67.2	67.2	67.2	67.2	€7•2	57.2
5°,0 70 ∸	58.9	53.9	58.9	56.9	53.7	63.9	68.9	63.9	58.9	63.3	59.9	58.9
70.5	70.5	70.5	70.6	70.5	70.5	77.6	70.6	70.5	70.5	70.5	79.5	7C • 0
74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.4	74.5	74.5
76.0	77.0	77.0	77.3	77.3	77.3	77.3	77.4	17.4	77.4	77.4	77.4	77.4
30.3	30.7	80.7	51.3	91.0	31.0	51.0	41.1	61.1	31.1	21.1	1.1	81.1
;∩•a	31.2	91.2	41.5	41.5	41.5	31.5	81.6	81.5	31.6	81.5	51.6	91.5
27.4	36.0	36.0	46.3	45.4	96.4	86.4	P6.5	86.5	35.5	86.5	46.5	3(.5
1.2	97.3	37.7	25.3	98.4	33.4	95.5	99.6	88.5	38.5	93.5	99.4	38.6
1	22.7	59.3	90.2	20.3	90.3	90.5	90.6	90.5	90.5	2.2	0.	A: 1
	90.4	70.5	90.9	01.0	91.0	71.2	91.3	91.3	91.3	₹0.6 a	90.5	90.5
an.3	91.6	₹1.H	92.5	92.6	92.6	92.0	92.9	92.9	92.9	91.3	91.3	91.3
91.1	92.5	93.1	94.5	34.2	94.2	94.4	94.5	94.5		92.9	92.0	72.9
71.5	93.1	93.3	94.7	94.9	94.9	95.1	95.3	95.3	94.6 95.4	94.5 95.4	94.5	94.5 95.4
1.3 %	37.3	25)	24									
12.4	94.3	95.2 35.	26.1	15.3	96.3	96.5	96.7	96.8	97.0	97.9	77.0	97.2
92.5 92.5	94.5 94.5	95.5	97.0	97.5	77.5	37.7	98.4	98.5	93.9	98.9	34.3	99.2
	94.5	95.6	97.0	97.5	97.5	97.9	93.8	98.9	99.3	94.3	79.4	79.7
32.6	94.5	75.7	97.1	77.5	97.5	98.0	98.9	99.0	29.4	99.5	99.7	100.0
12.5	94.5	95.7	97.1	97.5	97.6	99.0	93.9	99.0	99.4	39.5	99.7	100.0
12.5	94.5	95.7	97.1	97.6	97.6	93.0	98.9	99.0	99.4	99.5	99.7	100.3
• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •

777

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY OBSERVATIONS

STA	1 NGITI	1UMBER:	726436		TO UTC		K FLD AN	NSB AT			PERÍGÓ MONTH:		CORD: HOURS:	
CEI	ILING	• • • • • • •	• • • • • • • •		• • • • • • •	-			STATUTE		• • • • • • •	• • • • • •	•••••	• • • •
	[1]	GE	GE	GE	GΞ	GE	GE	GE.	GE	GE	GE	GE	GE	,
	ET	7	4	5	4	3	2 1/2			1 1/4		3/4	5/3	1.
• • •	• • • • • •	• • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	••••
NΠ	CEIL	42.5	42.7	42.8	42.8	42.8	42.3	42.3	42.3	42.3	42.3	42.8	42.8	4
	20000		50.2	50.4	50.4	50.4	50.4	50.4		50.4	50.4	50.4		
	12000		50.9	51.1	51.1	51.1	51.1	51.1		51.1	51.1	51.1		
	15000	_	50.9	51.1	51.1	51.1	51.1	51.1		51.1	51.1	51.1		
	14000		51.5	52.0	52.0	52.0	52.0	52.0		52.0	52.0	52.0		
Ωë	12000	53.3	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	5 5
GE	10000	57.5	57.7	57.9	57.7	57.9	57.4	57.9	57.9	57.9	57.9	57.9	57.9	ρ ε,
G F	9000	50.5	50.3	57.0	59.0	59.0	59.)	59.0	59.0	59.0	59.0	59.0	59.0) ,
2 c	შეეი		61.8	52.0	52.0	62.0	52.0	62.0		62.0	52.0	62.0		
ĢF	7303	62.9	53.1	63.3	53.4	63.4	43.4	63.4		63.4	63.4	53.4	•	
GΞ	6000	63.9	54.1	64.3	64.4	54.4	54.4	64.4	54.4	64.4	64.4	64.4	64.4	, ,
SE	5000	65.2	55.4	25.5	55.3	45 e	65.3	45.3	55.ª	55.8	55.8	65.4	65. 2	,
3 E	4530	66.4	55.5	55.3	57.)	67.0	57.0	57.0		57.0	57.0	67.0	67.€	, ,
SE	4000	69.2	59.5	69.8	70.3	70.0	70.0	70.0		70.0	70.0	70.0	70.0	7
3E	3500	70.3	71.1	71.5	71.3	71.8	71.0	71.8		71.3	71.3	71.8		
GE	3000	75.3	75.0	76.6	76.5	76.8	76.4	76.8	76.9	75.3	76. A	76.9	76. 8	7
Ç.	2500	79.2	50.2	30.9	91.0	31.1	-1.1	31.2	51.2	31.2	31.2	91.2	91.2	
SE	2000		94.9	35.7	05.1	35.0	30.0	35.3		36.3	46.3	86.3		
Sr	1300		35.6	36.4	A5.5	35.7	36 .7	87.0		97.0	77.0	P7.0	-	
GE	1500		95.7	39.6	39. ∃	90.1	90.1	90.5		90.5	90.5	90.6		
GE	1200	99.3	30.3	91.2	91.5	92.0	92.0	92.4	92.4	92.4	92.5	92.6	92.6	, ،
Ģć	1900	88.5	90.3	91.5	91.)	92.9	93.0	93.4	23.5	93.5	73.5	93.7	93.7	
ge	900		93.4	91.6	92.1	93.1	93.2	13.5		73.7	93.d	93.0		
GE	900	88.9	90.8	92.3	92.3	94.1	94.4	94.7		95.0	95.1	95.2		
GE	700		21.6	93.3	94.1	95.6	35.0	96.6		35.8	96.9	97.0		
SE	600	89.4	91.9	93.5	94.4	95.9	96.4	97.2	97.4	97.4	97.6	97.7	97.7	ġ
ĢF	500	89.5	92.0	93.6	34.3	96.4	96.7	97.3	98.0	98.0	98.2	99.3	98.3	, ,
Gë	400	89.5	92.0	93.8	95.0	96.6	97.3	98.5	98.8	98.8	99.0	99.2		
SE	300	87.5	92.0	94.0	95.2	96.9	97.6	98.3	99.1	99.1	99.3	99.6		
GE	200		92.3	94.0	95.2	75.9	97.5	98.3		97.1	99.3	99.5		
GF	100	89.5	92.0	94.0	75.2	95.9	97.5	93.3	97.1	99.1	99.3	99.5	99.7	, á
GE	၁၀၁	89.5	92.3	94.0	95.2	95.9	97.6	93.9	99.1	99.1	99.3	99.6	99.7	, 3
• • •		• • • • • •	• • • • • • •		• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	•••,•••	•••••	•••••	• • • • • • •	••••

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DISERVATIONS

			, (3							1111 5.3		
		. FLD AN	IN BE			ODISE HINDH		RD: AU OURS: 1	G 73 - 2-14	JUL 83		
10:	+ 6									• • • • • •	• • • • • •	• • • • •
		ISIBILI			MILES	GE.	GE	GE	GE	GF.	SE	GE
	5€ 3	GE 2 1/2	3E 2	GE 1 1/2	GE 1 1/4	1	3/4	578	1/2	3/3	1/4	С
					• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••
	42.3	42.3	42.3	42.3	42.3	42.8	42.5	42.8	42.8	42.8	42."	42.B
	5).4	50.4	50.4	5),4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
→	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
1		51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
1	51.1	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
f os	52.0 54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
		5 7 \	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	5 7. 9
;	57.6	57 . →	59.3	₹ 3. 0	59.6	59.0	59.6	59.0	57.0	59.0	57.0	57.0
1	57.0	59.)	52.0	42.0	52.3	52.0	62.0	62.0	62.0	52.0	62.0	52 . 0
2	52.0	52.0	53.4	53.4	63.4	63.4	53.4	63.4	53.4	63.4	63.4	63.4
	54.4	43.4 54.4	53.4	54.4	64.4	64.4	54.4	54.4	54.4	54.4	54.4	54.4
				<i>a</i>		, , ,	55.4	59.8	65.B	55.3	55.3	o5.
	45 . "	ひり・ゴ	45.3	55.0	55.5	55.8	67.3	57 . €	57.0	57.0	51.0	61.
	57.0°	5 7∙ 0	67.0	57.0	57.0	57.0	70.0	70.0	70.3	70.0	79.3	70.
,	10.0	70.3	70.0	77.0	70.0	70.0	71.5	71.8	71.8	71.5	71.4	71.
;	71.0	71.0	71.8	71.9	71.3	71.9	76.9	76.8	76.8	75.3	76.0	76.
•	75.4	75.4	75.5	76.8	75.3	7 6.8	10.		, ,, .,	• • •		
	11.1	-1.1	:1.2	1.2	51.2	31.2	21.2	91.2	51.2	51.2	-1.2	31.
1		36.0	35.3	55.3	36.3	36.3	80.3	85.3	46.3	05.3	.5.3	55.
,	37.0 35.7	36.7	3 7.)	77.0	97.0	a7.0	27.₽	87.0	57.0	57.3	87.7	37.
.,	30.1	30.1	90.5	10.5	90.5	90.5	90.6	90.5	40.6	90.6	70.5	€ • °
	52.0	92.0	92.4	92.4	92.4	92.5	95.6	92.6	72.6	72.5	92.5	92.5
		22.0	93.4	73.5	93.5	33.5	93.7	93.7	93.7	93.7	93.7	93.
:	92.	93•0 23•2	13.5	93.7	73.7	93.8	93.9	93.9	73.7	03.7	93.9	93.
:	33 . [94.1	25.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.
	34.1	94.4		96∙8	35.8	95.)	37.0	97.0	97.0	97.0	97.0	97.
	95.5 95.9	95.4	96.6 97.2	17.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.
	-			22.2	03.0	0.2. 2	98.3	98.3	95.4	91.4	98.4	93.
,	113.4	35.7	27.3	98.0	98.0	98.2	99.2	99.2	99.3	90.3	19.3	99.
	44.5	97.3	98.5	98.8	98.d	99.0	99.6	97.2	97.9	99.3	99.3	130.
	30.3	37.5	93.3	99.1	99.1	90,3		99.7	99.9	99.9	99.9	ioc.
	20 📦 🖠	97.5	98.ન	99.1	97.1	99.3	99.5	99.7	99.9	99.7	99.0	130.
	•	,7.5	93.4	10.1	99.1	99.3	99.5	77.1	77.9	,,,,,		
		-7.5	₹5 . 3	32.1	99.1	19.3	99.5	79.7	09.9	99.9	99.9	100.

OPERATING LOCATION "A" USAFFTAC, ASHFVILLE NO

PERCENTAGE FREDUENCY OF OCCURRENCE OF CEILING VER-RECITAVSESSEL YURUCH MESH

 	ING	• • • • • •	• • • • • •		• • • • • • •		VISIBILI	TY IN	STATHTE	411 F S	• • • • • •	• • • • • •	• •
Ĭ		ĢΕ	GE.	36	GE	SE	GE	GE.	SE	SE	GE	GÉ	
E É :		7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	
• • •	• • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• •
N) (CEIL	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	
GF .	20000	48.2	45.2	49.2	43.2	45.2	40.2	45.2	48.2	48.2	48.2	49.2	
_	13000	48.4	48.4	45.4	45.4	43.4	40.4	44.4	4 1 . 4	43.4	43.4	45.4	
	15000	45.5	43.5	44.6	46.5	44.6	48.6	43.6	49.5	48.5	48.5	45.5	
	14000	49.4	41.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	47.4	
GΞ	12000	50.5	50.5	>0.6	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	
GE :	10000	56.)	55.0	56.0	50.0	55.0	56.0	56.0	55.0	56.0	56.0	56.0	
G =	3000	56.5	50.5	35.5	56.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
GΕ	#000	54.7	58 ・ 9	59.9	54.9	50.9	53.9	55.9	58.9	53.0	55.7	53.0	1
C E	7000	60.3	50 • °	50.5	60.ª	50.B	n0.8	60.8	50.€	50 - 8	60.5	50.2	
GE	5000	53.3	63.3	3.3ر	53.3	53.3	53.3	43.3	63.3	63.3	63.3	53.3	,
GE	5000	65.2	56.2	55.2	56.4	55.4	66.4	65.4	55.4	55.4	56.4	66.4	
ĢF	4500	57.7	67.7	67.7	57.7	67.9	57.4	67.9	47.9	57.3	67.9	67.9	!
GE	4000	71.0	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
GĿ	3500	74.2	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	
GE	3000	78.3	7 8.9	79.3	73.5	~0 .1	30.3	30.3	a0.3	30.3	e).3	30.3	
G.E	2500	3 1. 3	32.5	32.9	13.2	53.7	33.9	53.9	63.9	93.9	43.9	53.9	
St	2000	35.2	85.1	₹6.8	77.3	37.3	57 . 9	37. €	37.9	용역•1	그러.1	은성•I	
GE	1300	35.9	36.3	c 7 • 4	87.9	43.5	33.6	38.6	8F.5	33.3	H9.4	H 4 . P	i
GE	1500	37.4	37.5	39.6	30.3	93.7	მე•ე	91.0	91.3	91.5	91.7	91.7	,
GE	1200	£8•6	39.€	91.2	91.7	3 2.7	33.0	93.2	93.5	93.7	63.9	93.9	1
GF.	1000	89.3	30.2	32.5	#3. 0	94.1	94.4	94.5	24.9	95.1	75.2	95.2	
ge -	900	€9.5	70.7	93.0	33.5	94.5	94.9	95.1	75.4	35.5	35 🗜	45.5	
G€	300	89.5	70.7	93.0	93.5	95.1	45.4	35.6	95.9	95.1	96.3	95.3	,
GΞ	70)	39.5	31.0	93.7	94.6	95.1	96.4	35.3	97.1	97.3	97.5	77.5	"
Ġ ē	600	39.5	91.0	73.7	94.7	363 . 4	95.9	97.3	97.5	97.₫	o4.1	93.1	•
35	500	39.5	91.9	93.7	94.7	95.4	90.7	77.5	98.0	95.1	18.5	98.5	:
GE	400	37.5	91 • C	93.7	94.7	96.4	36.3	93.0	93.3	92.5	98.8	95.5	•
GE	300	89.5	91.0	93.9	74.7	95.5	97.1	98.1	98.5	93.5	99.0	99.3	1
GE	200	89.5	91.0	93.9	94.9	75.6	97.1	98.1	93.5	93.5	09.0	99.3	
GE.	100	39.5	91.0	93.9	74.7	95.6	97.1	98.1	98.5	93.6	99.0	99.3	(
SE	000	89.5	91.0	93.9	14.9	95.6	97.1	95.1	98.5	98.6	99.0	99.3	4

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	45: AOFK	C FLO A'	IK ADN			PERIOD HONTH:		ORD: A HOURS:	AUG 73 - 15-17	JUL 86	3	
	· · · · · · · · · · · · · · · · · · ·	ISIBIL	ITY IN	STATUTE	MILES	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	*****
ŧ	38	GE	SĒ	GE	SE	C 5	G E	GE	GE	GE	űĒ	SE
	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/9	1/4	0
ļ· · ·	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••
,	43.7	40.7	40.7	40.7	40.7	40.7	43.7	40.7	40.7	40.7	40.7	40.7
,	40.2	40.2	48.2	48.2	48.2	48.2	49.2	40.2	48.2	46.2	48.2	49.2
} ·	43.4	48.4	44.4	43.4	43.4	48.4	48.4	48.4	48.4	45.4	44.4	43.4
	44.6	48.6	43.6	48.5	48.5	43.5	44.5	43.6	49.6	48.5	40.6	48.5
•	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
}	53.6	50.E	50.6	50.6	50.6	50.5	50.6	50.6	50.6	50.5	50.4	50.6
	55.0	56.0	56.0	55.0	56.0	56.0	56.0	55.0	56.0	56.0	56.0	56.0
	55.5	56.5	55.5	65.5	55.5	56.5	56.5	56.5	55.5	56.5	55.5	50.5
	59.9	53.9	55.9	59.9	53.9	53.3	53.9	53.9	55.9	58.3	53.0	58.9
i	50 e 6	nú.8	60.3	50.2	50.8	60.3	60.8	60.8	60.8	60.6	50.3	5C.8
_	53.3	53.3	53.3	53.3	63.3	63.3	53.3	63.3	63.3	43.3	63.3	63.3
,	55.4	65.4	55.4	50.4	55.4	56.4	66.4	66.4	55.4	60.4	65.4	65.4
	57.3	57.4	67.4	67.4	57.9	57.9	67.9	57.0	67.9	67.9	67.9	67.9
	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
;	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
	" ົ•1	a0.3	30.3	40.3	30.3	80.3	30.3	30.3	80.3	30.3	30.3	36.3
	13.7	33.9	43.9	c3.0	43.9	93.9	93.9	93.9	93.9	સેટ્રે•ું વ	35.9	33.9
•	37.3	87 . 9	87.3	≈ 7 •9	9 ≒ • 1	3년.1	88.1	48.1	58 .5	95.5	38.5	હે∂.5
	13.5	33.5	98.6	88.6	33.3	H5.5	स्व. व	84.8	39.1	59.1	39.1	39.1
	7).7	ეე• <u>მ</u>	91.0	91.3	91.5	91.7	91.7	91.7	35.0	92.0	92.0	72.0
	₹2 .7	33•^	93.2	93.5	93.7	93.9	93.9	93.9	94.2	94.2	44.2	94.2
	94.1	94.4	94.6	94.9	95.1	95.2	95.2	95.2	95.6	75.5	45.6	95.0
	94.5	94.9	95.1	25.4	35.6	75.8	95.5	95.5	95.1	96.1	96.1	95.1
)5.1	95.4	95.6	95.4	95.1	96.3	95.3	96.3	46.6	95.6	96.5	96.6
7	95.1	76.4	96.3	97.1	97.3	97.5	97.5	97.5	93.C	99.7	ગમ•ી	98.0
7	15.4	76.7	97.3	97.6	97.8	94.1	93.1	99.1	98.5	98.5	79.5	98.5
,	95.4	96.4	77.5	98.0	98.1	98.5	98.5	98.5	98.8	95.3	94.5	93.8
,	25.4	36.3	93.0	73.3	98.5	98.8	93.8	95.8	97.2	99.2	99.2	99.2
•	75.5	27.1	98.1	98.5	98.5	99.0	99.3	99.3	100.0	150.5	100.0	100.0
	?5•6 34. 4	97.1	98.1	93.5	93.5	99.0	99.3	99.3	190.0	100.0	100.0	100.0
	35.6	97.1	98.1	98.5	98.6	99.0	99.3	99.3	100.0	100.0	100.0	100.0
3	95.5	97.1	95.1	28.5	98.6	99.0	99.3	99.3	100.0	100.0	100.0	100.3

OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VERSUS VERSUS FROM HOURLY OBSERVATIONS

ST	4 POITA	NUMBER:	726435	LST	TO UTC:	: + 6	K FLO AN	igb al			_	OF RECO	
· · ·	1000000 TETNC		•••••		• • • • • • •		********		CTATUTE	MILES	• • • • • •	•••••	• • • • • • •
	IL ING	GE	.	C.F	۲,				STATUTE GE	GE	rc	CE	ر ا
	IN Eet	Ն <u>.</u> 7	GE	SE	GĒ	GE	GE	SE		1 1/4	GE	GE	GF 5.40
	151	,	5	5	4	3	2 1/2	2	1 1/2	1 1/7	1	3/4	5/8
• • •			• • • • • • • •	• • • • • •		, • • • • • • •		• • • • • •	• • • • • • • •		•••••	• • • • • • • •	• • • • • • •
NJ	CEIL	42.9	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
ĢĒ	20000	49.7	50.2	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
	18000	50.3	50.8	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
	16000	50.3	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
	14000	51.2	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
	12000	53.2	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GΕ	10000	56.9	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
7, 0	2000	57.6	53.2	53.4	58.4	53.4	58.5	58.5	58.5	53.5	58.5	55.5	58.5
GE	9000	61.0	61.6	51.9	52.)	62.0	62.0	62.0	52.0	52.7	62.0	62.0	52.0
GE	7000	52.4	63.0	63.3	63.4	53.4	53.5	43.5	53.5	63.5	63.5	63.5	53.5
GE	5000	53.9	54.7	54.4	55.C	55•l	55.1	55.1	55.1	65.1	65.1	65.1	55.1
SE	5000	65.2	45.0	55.2	55.5	55.5	56.6	60.5	66.6	65.5	55.5	66.5	56.5
GE	4500	66.2	65.9	67.2	67.5	67.5	57.5	67.5	67.5	67.5	57.5	67.5	67.5
GE	4000	69.7	69.5	69.3	70.1	70.1	70.1	73.1	70.1	70.1	70.1	70.1	70.1
GE	3500	70.4	71.3	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE	3000	73.7	75.4	75.9	75.2	75.4	76.5	76.5	76.6	75.6	76.6	75.6	75.5
													ļ
C =	2500	76.5	70.3	79.0	79.3	73.5	79.7	79.9	79.9	79.9	79.9	73.4	79.9
GE	2000	50.2	32.0	32.3	13.3	43.7	83.3	44.0	34.0	34.0	34.0	34.0	84.0
Ç٢	1300	90.H	32.6	33.4	₹3.9	34.3	84.4	34.5	94.5	34.5	34.6	84.7	34.7
نَ تَ	1500	33.4	45.5	36.7	37.2	37.3	37.9	38.2	88.3	34.3	85.4	러크.4	3ª.4
C c	1200	34.7	37.0	99.2	57.0	89.7	हु≎.∋	90.2	90.3	90.4	90.5	90.5	90.5
GE	1000	85.2	37.7	37.2	90.1	91.1	91.4	91.7	91.3	91.9	92.0	92.1	92.1
Ģ₽	900	45.5	93.1	39.7	90.5	91.5	91.9	92.3	92.4	72.4	92.6	92.7	92.7
υE	900	35•3	38.5	90.2	21.5	92.6	73.1	93.5	93.3	93.9	94.0	74.1	94.1
GΕ	700	36.0	6.3° Ö	70.7	92.2	93.7	94.3	94.9	95.2	95.2	47.4	95.5	95.5
GΞ	600	36.1	39.2	91.1	42.5	34.2	94.9	95.7	95.9	95.9	96.2	95.4	96.4
SE	500	36.2	49,3	21.3	33. 0	95.0	95.3	95.7	95.9	37.3	97.3	97.5	9 7•6
ĢF	400	86.2	39.3	91.4	95.1	95.1	36.1	47.3	₹7.7	97.5	98.0	98.4	96.5
GE	300	36.2	39.3	91.5	93.2	95.3	95.2	97.5	9 7. 8	97.9	93.3	98.9	99.0
GE	500	36.2	89.3	91.5	93.2	95.3	75.3	97.5	97.7	97.9	93.3	99.0	99.1
GE	100	36.2	39.3	91.5	93.2	95.3	25.3	97.5	97.9	97.9	99.3	99.0	39.1
ee.	000	86.2	99.3	71.5	93.2	95.3	95.3	97.5	37.9	97.9	98.3	99.0	99.1

PERCENTAGE FREQUENCY OF UCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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GE	VISIBILI GE	GE	GE	GE	GE		GE	GE	ĞĒ	úξ	GΕ	
3	2 1/2	2	1 1/2	1 1/4		3/4	5/8	1/2	3/3	1/4	= •••••	
43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6	
50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	
51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	-
51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9		
54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.9	54.0	54.0	
57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.H	
53.4	58.5	58.5	58.5	53.5	58.5	58.5	58.5	58.5	55.5	53.5	58.5	
52.0	62.0	62.0	52.0	52.0	62.0	62.0	62.0	62.0	62.5	52.0	62.T	
53.4	63.5	43.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	53.5	
55 .1	65.1	65.1	55.1	65.1	65.1	65.1	65.1	55.1	65.1	55.1	65.1	
55.5	56.5	65.5	66.6	65.5	66.5	66.5	66.6	56.5	65.5	55.6	56.5	
47.5	57.5	67.5	67.5	67.5	67.5	67.5	67.5	57.5	67.5	67.5	67.5	
70.1	70.1	73.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	
72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
75.4	76.5	76.6	76.6	75.6	76.5	75.6	75.5	76.6	75.5	70.5	76.6	
73.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
∃3.7	ಕ3∙ತ	44.0	34.0	84.0	34.0	34.0	84.0	a4.1	54.1	44.1	84.1	
34.3	84.4	34.5	94.5	34.5	34.6	84.7	34.7	34.7	84.7	54.7	ं 34. प	
37.3	3 7.9	89.2	88.3	34.3	85.4	44.4	30.4	39.5	93.5	48.5		
-3.7	80 °⊒	90.2	90.3	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	
21.1	91.4	91.7	91.3	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.2	
91.5	91.9	92.3	92.4	72.4	92.6	92.7	92.7	92.7	92.7	92.7		
92.6	73.1	93.5	93.3	93.9	94.0	94.1	94.1	94.1	94.1	04.1	74.2	
73.7	94.3	94.9	95.2	95.2	95.4	95.5	95.5	95.6	95.5	95.6	95.7	
74.2	94.9	95.7	95.9	95.9	96.2	96.4	96.4	96.5	96.5	96.5	96.6	
35.0	95.3	95.7	96.9	97.3	97.3	97.5	97.5	97.8	97.9	97.5		
95.1	76.1	97.3	97.7	97.8	98.0	98.4	98.5	98.8	95.8 95.8	98.9	99.1	
75.3	95.7	97.5		97.9	98.3	79.9	99.0	99.5	99.5	99.5		
95.3 95.3	95.3 95.3	97.5 97.5		97.9 97.9	93.3	99.0 93.0	99.1	99.5	99.5		94.9 100.5	
• 7 • 3	7363	71.0	7107	71.7	99.3	71.1	99.1	79.5	99-5	7741	190.43	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIRI FROM HOURLY PRISERVATIONS

STA	LTION N	UMBER:	726436		AP POIT		C FLD AN	1k PDI			PERIOD MONTH:		ORD: AC	
CET	LING	•••••	• • • • • • •	• • • • • • •	• • • • • •		risiaili				• • • • • • •	• • • • • •	•••••	• • • •
1	N ET	35 7	GE 6	6E 5	G	3E 3	GE 2 1/2	3Ë 2	GE	GE 1 1/4	eë.	GE 3/4	G= 5/3	3E 1/2
• • •	• • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••
NO	CEIL	45.7	47.0	48.7	49.1	49.4	49.4	49.7	49.7	49.7	49.9	50.1	50.1	50.
GE.	20000	52.4	54.0	54.0	56.4	55.7	55.7	57.0	57.0	57.0	57.3	57.5	57.6	57.
SE	18000	52.7	54.3	55.3	56.7	57.0	57.0	57.3	57.3	57.3	57.6	57.9	57.9	53.
G٢	15000	53.0	54.6	56.6	57.0	57.3	57.3	57.6	57.6	57.6	57.9	58.2	58.2	59.
G∈	14000	53.1	54.8	56.7	57.2	57.5	57.5	57.3	5 7. 3	57.8	59.1	59.4	53.4	53.
GE	12000	54.8	56.4	53.5	59.3	53.6	59.6	59.9	59.9	59.9	60.2	50.5	60.5	50 .
gr	10000	58.7	50.5	52.9	53.3	64.1	54.1	04.4	54.4	54.4	54.7	65.0	55.0	65.
G E	9600	59.0	63.9	53.2	54.1	64.4	54.5	64.3	54.8	55.0	55.3	65.4	65.6	65.
GΞ	5000	53.3	65.4	57.7	68.5	63.9	59.0	67.3	59.3	59.5	59.8	70.1	70.1	70.
GE	7000	64.5	55.6	63.9	69.9	70.1	70.2	70.5	70.5	70.7	71.0	71.3	71.3	71.
Cć	6000	66.3	69.2	71.4	72.3	72.6	72.H	73.1	73.1	73.2	73.5	73.₽	73.3	74.
35	5000	68.1	70.4	72.3	73.7	74.1	74.3	74.5	74.6	74.7	75.0	75.3	75.3	75.
GE	4500	58.3	70.7	73.1	74.0	74.4	74.5	74.)	74.9	75.0	75.3	75.5	75.6	75.
GE	4000	69.9	72.5	75.3	75.7	76.6	76.9	77.2	77.2	77.4	77.7	73.0	75.9	73.
GF	3500	70.5	73.1	75.5	76.5	77.4	77.7	73.0	78.0	73.1	78.4	73.7	73.7	71.
GΕ	3000	70.3	73.4	75.9	75. 9	7 - • • •	73.3	74.5	79.5	73.7	79.3	79.6	77.5	79.
ĢF	2500	72.3	75.0	77.7	78.→	79.9	90.2	5J.5	10.5	37.7	31.3	61.5	81.6	A1.
ĢΕ	2000	74.7	77.5	20.2	41.5	32.3	43.1	53.4	43.4	13.5	34.1	34.4	34.4	+4.
G.F	1900	74.9	77.7	od • 4	31.7	92.7	93.2	H3.7	33.7	33.3	34.4	24.7	34.7	ē4.
96	1500	77.5	30.4	33.7	45.0	35.4	35.7	57.3	37.4	37.5	34.2	48. F	93.5	નું છે. •
Gt	1200	78.7	31.5	34.9	35.2	37.7	38. O	3,4 .5	37.1	59.1	37.7	40.0	90.0	3).
38	1000	89.4	83.2	35.5	33.2	87.7	90.0	91.0	91.3	11.5	92.3	92.5	92.3	92.
35	900	80.4	33.2	45.7	38.5	90.3	30.5	91.5	92.1	92.2	13.0	03.3	93.3	73.
g=	გეე	80.4	83.5	37.3	59.1	70.9	31.2	92.4	93.0	93.1	93.4	94.2	94.2	74.
GE	700	30.3	34.1	37.5	39.5	11.6	31.9	23.1	94.0	94.3	95.1	95.4)5.4	75.
G£	500	31.0	34.3	3 7. 9	39.4	41.9	42.2	33.5	94.5	94.8	95.7	95.0	90.3	39.
٦r	500	81.3	34.5	33.3	90.3	92.5	43.2	74.3	₹5.2	95.5	26.4	95.7	95.7	17.
G۳	400	91.3	34.0	38.3	90.3	93.1	13.5	95.1	97.0	77.3	23.2	98.5	94.5	34.
ĞE	300	81.3	34.5	33.3	90.3	93.1	93.5	95.4	97.3	97.6	13.5	93.=	95.5	97.
G:	200	91.3	94.5	ძმ. 3	90.3	93.1	93.5	75.4	97.3	97.5	98.5	99.0	99.0	9).
GĒ	100	81.3	34.6	39.3	30.3	93.1	93.5	95.4	97.3	97.5	93.5	99.1	93.1	97.
ζŕ	ാാ	81.3	34.5	33.3	90.3	93.1	93.5	95.4	97.3	97.6	98.5	99.1	99.1	93.
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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3		FLD AN	IR BDI			PERIOD MONTH:	OF RECE	ORD: AR	JG 73 - 06-08	JUL AH		
• • •	· · · · · · · · · · · · · · · · · · ·	ISTAILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • • •				••••
 	. 3L .	GE	SE	GE	GE	GE	GE	G=	GŁ	GE	G٤	SE
-5 ; -	3	2 1/2	2		1 1/4	t	3/4	5/3	1/2	3/9	1/4	0
6.7			• • • • • •		• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • •
3											.	50.3
+, '	40.4	49.4	49.7	49.7	49.7	49.9	50.1	50.1	50.3	50.3	50.3	5C.3
5 🔻	55.7	56.7	57.0	57.0	57.0	57.3	57.5	57.6	57.8	57.5	57.3	57.3
£.	57.0	5 7. 0	57.3	57.3	57.3	57.6	57.9	57.9	53.1	53.1	57.1	53.1
	57.3	57.3	57.6	57.6	57.6	57.9	58.2	58.2	59.4	55.4	58.4	58.4
5	57.5	57.5	57.3	57.9	57.3	59.1	58.4	53.4	51.5	59.5	53,5	56.5
7,	1.6	50.6	59.9	59.9	59.9	60.2	50.5	60.5	60.6	60.6	50.5	50.5
7	• • • •	. • •	,,,,	, ,	<i>,</i> , ,	3012			• • •			
71.	54.1	54.1	54.4	54.4	54.4	54.7	65.0	65.0	55.1	65.1	65.1	55.1
7	54.4	54.5	54.3	54.8	55.0	55.3	65.6	65.6	55.7	65.7	55.7	05.7
, -	53.9	59.0	67.3	59.3	59.5	59.8	70.1	70.1	70.2	73.2	70.2	70.2
7	20.1	70.2	70.5	70.5	70.7	71.0	71.3	71.3	71.4	71.4	71.4	71.4
	-72.5	72.8	73.1	73.1	73.2	73.5	73.R	73.3	74.0	74.0	74.0	74.3
	·											
7,	7 + . 1	74.3	74.5	74.6	74.7	75.0	75.3	75.3	75.4	75.4	71.4	75.4
. *	14.4	74.5	74.}	74.9	75.0	75.3	75.6	75.6	75.7	75.7	75.7	75.7
	75.5	76.9	71.2	77.2	77.4	77.7	73.0	73.0	73.1	73.1	7.: • 1	73.1
•	17.4	77.7	74.0	78.0	73.1	78.4	78.7	73.7	78.9	73.9	78.9	78.9
5.	7)	7d.3	74.5	72.5	73.7	79.3	79.4	77.5	79.8	79.3	72.0	79.3
												_
	71.9	30.2	3J.5	49.5	37.7	81.3	P1.6	31.6	A1.7	81.7	>1.7	n1.7
	3.7.	43.1	33.4	43.4	33.5	34.1	34.4	34.4	34.6	94.5	54.5	34.5
_	.2.7	93.2	нэ.7	33.7	33.9	34.4	94.7	34.7	84.9	94.9	च्य∙ व	P4.3
	5 • 4	35.7	87.3	37.4	37.5	34.2	38.5	93.5	30.6	83.5	24.5	45.5
5.4	-7.7	98.O	RH . 5	35.9	59.I	89.7	90.0	90.0	30.1	70.1	1,60	₹C.1
) .	, ,	20.0	01.0	21.3		0.2	02 6		92.B	92.3	23.0	93.)
٦.	7.7	30.0	91.0 91.3	91.3 92.1	91.5	92.2 93.0	92.5 93.3	92.5 93.3	93.6	93.5	93.7	73.7
	10.3	3 0.5	92.4	93.0	92•2 93•1	93.9	94.2	94.2	94.5	94.5	74.5	94.5
¥ =	1).9 11.6	91.2 91.9	73.1	94.0	94.3	95.1	95.4	95.4	95.7	75.7	75.8	95.3
4	71.9	2.2	93.6	94.5	94.8	95.7	95.0	96.3	76.3	25.3	76.4	76.4
r	11 • 7	2 • 2	73.0	, ,	7 4 • 0	7701	99.0	70 • J	70.3		70.44	, ,
".	12.5	93.9	34.3	75.2	95.5	96.4	96.7	95.7	97.0	97.0	97.2	97.2
97.	73.1	13.5	95.1	97.0	17.3	93.2	98.5	98.5	95.8	94.5	99.3	99.0
	33.1	93.5	95.4	₹7.3	97.6	73.5	98.5	9A A	99.1	97 I	99.4	99.4
33.	3.1	93.6	75.4	97.3	97.5	99.5	99.0	99.0	99.3	99.3	-	99.7
• • •	73.1	73.5	95.4	77.3	97.5	98.5	99.1	99.1	99.4	99.4	100.0	100.0
		•	• •		. , • •		• •	• •	•			
	23.1	93.5	95.4	97.3	97.6	98.5	99.1	99.1	99.4	99.4	100.0	100.0
								• • • • • •			• • • • • •	• • • • • •

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETLING VERSUS V FROM HOURLY DESERVATIONS

ST	NOITÁ	NUMBER:	726436		TO UTC		C FLD AN	IP 85			PERTOO HTMOM	YAP	HOURS:
	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		* * * * * * * * * * * * * * * * * * *		MILEC	• • • • • • •	• • • • • •	• • • • • • • •
	ILING In	GE	3.6	c c	0.7	SE '		GE	STATUTE GE	GE	GE	GE	٥e
	EET	7	GE 6	GE 5	6 <i>6</i> 4	3	GE 2 1/2	2		1 1/4		3/4	5/d
	 		O	,	.		2 1/2		1 1/2				,,,
••	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••		••••		• • • • • •	
ΝЭ	CEIL	47.9	48.5	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	47.2
SE	20000	56.4	57.5	58.0	53.5	54.6	55.5	53.5	53.6	58.6	58.5	58.5	53.5
GE	18000	56.7	57.a	53.2	59.7	53.8	58.3	59.3	59.8	58.8	58.8	50.B	55.8
SE	15000	57.0	57.3	54.3	55.3	53.9	58.9	55.9	53.9	58.9	58.9	58.9	55.9
GE	14000	57.4	58.3	58.7	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE	12000	58.7	59.6	50 . 0	50.4	50.5	50.5	60.5	50.5	50.5	60.5	60.5	60.5
Sē	10000	52.5	63.5	63.9	54.4	64.5	54.5	64.5	54.5	64.5	64.5	64.5	54. E
GE	9202	62.3	63.5	54.2	54.7	24.9	54.9	54.9	54.9	54.7	64.9	54.9	64.9
GE	3000	65.4	55.9	67.4	53.0	63.3	58.3	03.3	53.3	59.3	58.3	63.3	69.3
GE	7000	67.6	58.7	59.3	59.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	75.2
GE	5000	59.0	70.1	70.7	71.3	71.6	71.6	71.5	71.6	71.6	71.6	71.6	71.5
GF	5000	70.9	72.0	73.1	73.7	74.0	74.0	74.3	74.3	74.1	74.1	74.1	74.1
GE	4500	71.4	72.5	73.6	74.1	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
3E	4000	73.2	74.2	75.4	76.0	75.3	75.3	75.3	76.3	75.4	76.5	75.5	76.5
SF	3500	74.9	76.0	77.4	77.9	73.2	72.2	78.2	78.2	78.3	73.4	79.4	73.4
0 a	3303	78.2	79.3	30.9	91.4	31.7	31.3	51.3	41.4	81.9	92.0	F2.0	92.0
GΞ	2500	80.4	-1.4	23.0	33.7	34.0	54.2	84.2	94.2	34.3	34.4	84.4	34.4
35	2110	63.0	44.4	35.3	37.1	37.4	57.5	27.5	87.5	37.7	37.3	H7.3	37.4
36	1800	4 . 1	95.4	37.4	as.1	99.4	88.6	83.6	33.6	38.7	34.8	83.8	ва. в
SE	1500	96.2	37.7	39.2	99.7	₹1. 0	91.2	91.2	91.2	91.3	91.4	91.4	31.4
5 E	1200	37.3	∃ક.7	91.2	22.1	12.4	92.6	92.5	23.0	93.1	93.2	93.2	93.2
65	1000	원원.1	49.6	12.3	73.5	94.0	94.2	94.3	74.7	94.8	14.3	94 . 러	94.2
Ģ٢	300	93.5	70.1	+3.1	94.4	94.8	95.)	93.1	75.5	95.5	95.5	95.3	35.3
GE	300	88.9	20.5	93.7	94.9	95.5	95.7	95.9	96.5	96.5	95.8	96.9	96.3
٥Ŀ	700	38.3	90.7	93.9	95.3	95.1	75.3	96.4	97.3	97.5	97.7	97.7	97.7
GE	500	88.9	೨೦∙ ನ	94.1	95.5	45.3	96.5	95.7	97.5	97.3	98.0	98.0	93.0
GE	500	83.)	21.0	74.4	ŋĸ. 3	96.¤	97.0	97.2	78.1	98.3	78.4	93.4	98.4
GE	400	88.9	91.0	34.4	96.0	97.1	97.4	97.5	93.7	98.9	99.5	99.5	99.5
GE	300	38.9	91.0	74.4	94.0	97.1	97.4	97.6	98.7	99.9	99.5	99.7	99.7
GE	200	88.9	91.0	94.4	95.0	97.1	97.4	97.5	9₫.7	99.0	99.6	99.9	99.3
GE	100	88.9	91.0	94.4	96.0	97.1	97.4	97.5	98.7	99.0	99.6	100.0	100.0
ÇF	იეი	A8.9	91.0	94.4	76.0	97.1	97.4	97.5	93.7	99.0	99.6		100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

• • • • • •	,	VISIBILI				• • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • •	•••••	
6 € 4		GE 2 1/2	SE 2	GĒ	GE	G <u>E</u> 1		GE 5/8	GE 1/2	3E 3/ 8	ΰΕ 1/4	GE	
	_				-					3/ <u>3</u>	1/4	<u> </u>	
49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	43.2	49.2	49.2	49.2	49.2	
53.5	53.6	55•5	53.5	53.6	58.6	58.5	58.6	58.6	58.6	53.5	50.5	59.6	
59.7	53.8	58.3	53.3	53.8	58.8	58.5	58.8	56.8	59.9	53.3	53.3	58.8	
58.3	53.9	58.9	53.9	53.9	58.9	58.9	58.9	53.9	53.9		55.5		
59.2	59.3	59.3	59.3	59.3	57.3	59.3	59.3	59.3	57.3		59.3	59.3	
50.4	50.5	50.5	50.5	50.5	50.5	60.5	60.5	60.5	50.5	50.5	50.5	60.5	
)·/• •	,0 • ,	33.7	3.7	3003	3,4,	0,,,	.,,,,	00.	,,,,	301,	30.	0010	
54.4	64.5	54.5	64.5	54.5	64.5	64.5	64.5	54.5	64.5	64.5	64.5	54.5	
54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	64.9	64.9	54.9	54.9	64.9	
43.0	53.3	58.3	63.3	53.3	58.3	59.3	69.3	69.3	68.3	68.3	53.3	68.3	**
59.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
71.3	71.6	71.6	71.5	71.6	71.6	71.6	71.6	71.5	71.6	71.5	71.5	71.5	
		-	.		. .	-	-						
73.7	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
74.1	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	د . 74	
76.)	75.3	76.3	75.3	76.3	76.4	76.5	75.5	76.5	76.5	75.5	70.5	76.5	
77.9	73.2	78.2	78.2	76.2	78.3	78.4	79.4	73.4	78.4	78.4	7ª.4	78.4	
91.4	91.7	81.9	81.8	41.B	81.9	92.0	82.0	82.0	32.0	25.0	32.1	32.0	
43.7	34.0	84.2	94.2	34.2	34.3	34.4	54.4	34.4	24.4	94.4	34.4	34.4	
7.1	37.4	37.5	87.5	87.5	37.7	37.3	87.3	37.3	37.8	H7. 4	47.5	37.3	
⊰ು.1	39.4	88.6	83.6	33.6	33.7	38.8	63.9	83.9	88.8	33.3	86.5	38.3	
99.7	91.0	91.2	91.2	91.2	91.3	91.4	91.4	91.4	21.4	21.4	91.4	21.4	
72.1	32.4	92.6	92.6	23.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
73.5	94.3	94.2	94.3	34.7	94.8	94.3	94.B	94.3	94.8	94.3	94.5	34.3	
94.4	94.8	95.0	97.1	75.5	95.6	95.5	95.3	95.3	95.8	95.3	99.5	95.3	
94.9	95.5	95.7	95.9	96.5	96.5	95.8	95.8	96.3	95.8	96.9	96.3	96.3	
75.3	95.1	35.3	96.4	97.3	97.5	97.7	97.7	97.7	97.7	97.7		97.7	
95.5	96.3	96.5	96.7	97.5	97.8	98.0	98.0	98.0	93.0	99.7	90.0	98.0	
, , , ,	, , , ,		, , , ,	/ 		<i>70.</i> 0	7() • U	7010	. , , 0	,,,,	<i>y</i> : • <i>J</i>	70.0	
95.3	96.2	97.0	97.2	28.1	98.3	98.4	93.4	98.4	28.4	98.4	93.4	98.4	
95.0	97.1	97.4	97.5	93.7	98.9	99.5	99.5		99.5	99.5	39.5	99.5	
35.0	97.1	97.4	97.6	98.7	99.9	99.5	99.7	99.7	99.7	97.7	99.7	95.7	-
95.0	97.1	97.4	97.6	98.7	99.0	99.5	99.8	99.3	99.8	99.3	99.4	99.8	
96.0	97.1	97.4	97.5	98.7	99.0	99.6	100.0	100.0	100.,0	150.9	100.0	100.0	
75.0	97.1	97.4	97.5	93.7	99.0	00 6	100.0	100 0	100.0	102.0	100.0	100.3	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL FROM HOURLY DESERVATIONS

STA	ATION N	IUMBER:	726435		TO UTC		K FLD AN	IN 6D			PERIOD MONTH:		ORD: A HOURS:	
CEI	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	· · · · · · · · · · · · · · · · · · ·		TY IN	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
	N	G =	Ĝ۴	GE	GE	GÉ '	Gë	SE	GE	GE	GE	GF	SE	GE
-	51	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/3	1/2
				· • • • • • •	• • • • • • •	• • • • • •			• • • • • • •					••••
• • • •														
ניא	CEIL	44.5	44.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
ĠΕ	20000	54.8	55.4	55.4	56.0	55.0	50.0	55.0	56.0	56.0	56.0	55.0	56.0	55.0
	13000	55.3	55.9	55.9	56.4	55.4	55.4	56.4	50.4	56.4	55.4	56.4	55.4	55.4
	16000	55.3	55.9	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	50.4
GE	14000	56.6	57.2	57.2	57.3	57.8	57.8	57.9	57.5	57.8	57.8	57.8	57.3	57.9
GE	12000	59.4	60.0	60.0	60.6	50 . 5	60.6	50.5	50.5	60.6	60.5	50.5	63.6	50.€
3F	10000	62.4	63.0	53.0	53.7	63.7	53.7	63.7	63.7	53.7	63.7	63.7	53.7	63.7
G.F	9000	62.4	53.4	63.4	54.1	54.1	64.1	64.1	54.1	54.1	54.1	64.1	54.1	64.1
SΕ	4000	67.3	63.0	55.1	58.3	63.3	50.3	53.3	5ª.d	68.8	68.8	64.8	63.8	64.
ςĒ	7000	69.2	59.2	69.3	70.0	70.0	70.0	70.0	70.0	70.0	79.0	70.0	70.0	70.0
ĞĒ	6900	69.8	70.9	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.
G.F	5000	71.5	72.7	72.9	73.5	73.6	73.7	73.7	73.5	73.d	73.9	73.9	73.9	73.1
ŠĖ	4500	72.2	73.3	73.5	74.2	74.3	74.4	74.5	74.6	74.5	74.7	74.7	74.7	74.
ζĒ	4000	74.7	76.2	76.4	77.1	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.
ĠΞ	3500	75.9	78.5	73.3	79.5	79.7	79.8	79.9	30.0	80.9	90.1	30.1	30.1	49.1
GE	1000	51.3	33.2	23.5	34.3	34.5	84.7	84.8	44.9	24.9	85.0	35.U	45.0	3 S . (
ge	25.30	83.4	35.7	35.1	36.9	37.1	37.3	87.4	37.5	37.5	47.4	87.5	57.5	:7.
ĞΕ	2000	35.0	33.8	19.4	90.2	93.5	90.3	90.9	91.5	91.5	71.1	91.1	91.1	91.1
37	1300	8 7. 0	99.3	39.9	20.3	91.3	91.5	91.5	91.7	91.7	91.5	91.0	91.3	۲1
ŚΞ	1500	33.6	91.5	92.4	93.3	93.5	24.0	94.1	34.2	94.2	94.3	74.3	94.3	24.3
GE	1300	20.3	23.2	94.1	95.2	95.0	95.2	96.3	76.4	96.4	96.5	95.5	95.5	35.6
Ģ.F	1999	90.4	93.3	34.4	45.5	95.4	96.7	95.3	95.9	95.3	97.0	97.0	97.0	₹7. €
S.F	100	90.5	23.5	74.6	95.8	95.6	96.9	97.3	97.1	97.1	97.2	97.2	97.2	97
31	300	99.3	43.9	95.1	26.3	97.2	97.7	97.3	97.9	97.9	28.0	98.0	93.0	93.7
GS	700	20.9	73.3	95.2	96.5	77.4	97.9	93.1	98.5	94.5	93.5	93.6	93.5	93.4
SF	500	91.0	93.3	95.3	97.0	97.9	90.3	98.7	79.1	99.1	99.2	99.2	99.2	33.
SE	500	91.0	13.9	25.4	97.1	97.9	98.4	99.3	99.2	99.2	99.3	99.3	97.3	90.1
GF.	400	91.0	93.9	95.4	97.1	97.9	98.4	90.3	99.5	99.6	99.7	99.7	99.7	39.1
Sé	300	91.0	93.9	95.4	97.1	97.9	98.5	99.4	99.6	99.7	79.4	99.3	99. 3	99.
GE	200	91.0	93.9	35.4	97.1	97.9	98.5	98.9	90.5	99.7	100.0	100.0	100.0	100.0
GE	100	91.0	93.9	95.4	97.1	77.9	98.5	98.9	99.5	99.7	100.7	100.0	100.0	100.7
ĢE	၁၁၁	91.9	93.9	95.4	97.1	91.9	98.5	98.9	99.6	99.7	100.0	100.0	100.3	100.0
• • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •				• • • • •	• • • • • • •	• • • • • •		• • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

TIUN NA		K FLD AI	1G8 41			PERIOD HTMDM		:080; H0085;	105 73 - 12-14	- JUL 83	5	
		VISTATE	TV TN	STATUTE		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •
i gr	Se	Ge	SE	GE	SE	GE	GF	GE.	GE	GΞ	G€	G E
4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/8	1/2	3/3	1/4	3.
ſ												
1												
45•1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
55.3	56.0	50.0	6. 3	s/ 0	56.0	54 0	٠. ٥	5. 0	5 ()	e	C	
56.4	55.4	56.4	55.0 56.4	56.0 56.4	56.0 56.4	55.0 55.4	55.0 56.4	56.0 55.4	55.0 55.4	56.4	56.0 55.4	56.0 56.4
56.4	56.4	56.4	56.4	56.4	56.4	56.4	55.4	56.4	56.4	55.4	50.4	50.4
57.4	57.8	57.8	57.9	57.5	57.8	57.3	57.8	57.3	57.9	57.3	57.4	57.3
50.5	50.5	60.6	50.5	50.5	60.6	50.5	50.5	60.6	50.5	50.5	50.6	50.5
			, . .	,,,,	33,0	5,,,,	3,30.7	00.0	,,,,	, , , ,	3.2.4.3	,0,,
53 .7	63.7	53.7	53.7	63.7	53.7	53.7	63.7	63.7	53.7	53.7	53.7	53.7
54.1	54.1	64.1	54.1	54.1	64.1	54.1	64.1	54.1	64.1	54.1	54.1	54.1
55.3	63.3	50.3	53.3	54.0	68.8	68.4	68.8	63.8	68.8	6 a . 3	64.0	53.3
70.0	73.0	70.0	70.0	70.0	70.0	79.0	70.0	70.0	70.0	70.0	70.0	70.0
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
73.5	73.6	73.7	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.7	73.9	73.9
74.2	74.3	74.4	74.5	74.6	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7
77.1	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
72.5	79.7	19.4	79.9	80.0	80.0	20.1	30.1	30.1	80.1	30.1	40.1	3C . 1
39.3	34.5	34.7	84.8	44.9	94.9	85.0	35.0	45.0	35.0	45.0	35.1	35.3
(5. 9	37.1	57.3	d7.4	37.5	37.5	87.5	87.6	87. 5	57.5	27.5	47.0	57.5
30.2	93.5	90.3	90.9	91.0	31.3	31.1	91.1	91.1	91.1	91.1	91.1	91.1
70.3	91.3	91.5	91.5	91.7	91.7	91.2	91.0	91.5	91.3	91.3	91.9	91.3
23.3	33.3	74.0	94.1	94.2	94.2	94.3	94.3	94.3	74.3	94.3	94.3	94.3
99.2	15.7	96.2	96.3	96.4	95.4	96.5	96.5	95.5	95.5	95.5	34.5	36.5
46.5	95.4	96.7	95.₹	35.9	95.9	97.0	97.0	97.0	97.0	97.0	47.0	97.3
75.8	95.5	95.9	97.3	97.1	97.1	97.2	97.2	97.2	97.2	97.2	27.2	97.2
96.3	97.2	97.7	97.3	97.9	97.9	78.0	98.0	98.0	93.0	93.5	35.0	73.0
76.5	77.4	97.9	93.1	98.5	98.5	93.5	98.6	98.0	93.5	78.5	98.6	38.6
37.0	97.9	98.3	98.7	39.1	99.1	99.2	99.2	99.2	99.2	99.2	33.3	39.2
17.1	97.9	96.4	98.3	99.2	99.2	99.3	99.3	97.3	99.3	99.3	39.3	93.3
+7.1	97.0	98.4	95.3	97.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	97.3
27.1	97.9	94.5	94.4	97.6	99.7	99.3	99.3	99.3	99.8	99.3	99.3	99.7 99.3
77.1	27.9	98.5	99.9	99.5	99.7	100.0	100.0	100.3	100.0	100.0	100.0	100.0
17.1	17.9	98.5	98.9	99.5	97.7	100.0	100.0	100.0	100.0	100.3	100.0	100.0
77.1	97.9	98.5	98.9	99.6	99.7	100.0	100.0	100.3	100.0	100.0	100.0	100.0
							• • • • • • •		• • • • • • •	• • • • • • •		

1924

OPERATING LOCATION WAW USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBLE FROM HOURLY OBSERVATIONS

	GE	••••••	
IN GE FEET 7 6 5 4 3 21/2 2 11/2 11/4 NO CEIL 47.1 48.2 48.2 48.4 48.4 48.4 48.4 48.4 48.4	GE		
FEET 7 6 5 4 3 21/2 2 11/2 11/4 NU CEIL 47.1 48.2 48.2 48.4 48.4 48.4 48.4 48.4 48.4	U :_	GE GE	3€
NU CEIL 47.1 48.2 48.2 48.4 48.4 48.4 48.4 48.4 48.4	1 3	3/4 5/R	
	43.4 4	8.4 49.	4 49.
-GF 20000 57.7 59.0 59.2 59.4 59.4 59.4 59.4 59.4 59.4 5	59.4 5	59.4 59.	4 59.
GE 18000 57.9 59.2 59.4 59.6 59.6 50.6 50.6 50.6 50.6	59.5 5	9.6 59.	6 59.
GE 16000 58.1 59.4 59.6 59.3 59.8 59.8 59.8 59.8 59.8	59.5 5	19.3 59.	4 59.
GE 14000 59.4 50.7 50.9 61.1 61.1 51.1 51.1 61.1 61.1	51.1 5	1.1 61.	1 61.
GE 12000 61.1 62.4 62.6 62.9 52.9 52.9 52.9 62.9 62.9	62.9 5	2.9 62.	9 52.
SE 10000 62.2 53.7 54.1 54.4 54.4 54.4 54.4 54.4 54.4	54.4 5	54.4 54.	4 54.
		4.5 64.	
		70.0 70.	
SE 7000 69.3 71.1 71.5 71.7 71.7 71.7 71.7 71.7 71.7	71.7 7	71.7 71.	7 71.
GE 6000 71.1 72.3 73.2 73.4 73.4 73.4 73.4 73.4 73.4	73.4 7	73.4 73.	4 73.
55 5000 73.1 74.9 75.4 75.5 75.5 75.5 75.5 75.5 75.5	75.5 7	75.6 75.	5 75.
		77.5 77.	5 77.
		79.0 79.	
		32.1 52.	
		7.7 27.	
55 2500 35.0 33.3 37.3 90.1 90.1 90.3 90.5 70.5 10.5	70.5 9	90.5	5 30.
		3.1 93.	
		93.1 93.	
		95.9 95.	
	-	97.	
SI 1000 91.4 94.2 35.7 95.5 97.4 97.6 97.3 97.5 97.8	97.2 9	7.2 97.	e 47.
		93.	-
		13.9 93.	
		19.0 98.	
	-	7.4 99.	
35 500 92.2 94.6 95.3 97.2 93.5 98.9 99.1 99.4 99.4 F	99.4 9	19.4 97.	4 99.0
53 400 92.2 94.8 95.3 97.2 93.5 98.9 93.4 99.6 93.6	99.5 9	9.5 99.	6 99.1
GF 300 92.2 94.3 96.3 97.2 98.5 99.4 99.3 100.0 100.0 10	00.0 10	0.0 100.	0 100.0
		00.0 100.	
		00.0 100.	
GF 000 92.2 94.3 95.3 97.2 93.5 99.4 99.3, 100.0 100.0 10	oo.o 10	00.0 100.	0 100.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	E: V3	LK FLO AN	NGB WI		·	P5R100 MONTH:		A: ORC: HOURS:		JUL 88		
• • •	• • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • •
	3E	GE	GE	SE	GE	GE	GE	ĞË	ĢΕ	ĢF 3.46	GE	GÆ
	3	2 1/2	2	1 1/2	1 1/4	1 •••••	3/4	5/9	1/2	3/8	1/4	
				4.0								
•	49.4	48.4	48.4	48.4	49.4	43.4	48.4	49.4	49.4	48.4	43.4	49.4
	57.4	59.4	59.4	57.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
•:	59.6		59.5	59.6	59.6	59.5	59.6	59.6	59.6	59.6	59.0	59.5
1	57.3	59.3	59.3	59.8	59.8	59.5	59.3	59.A	59.8	59.9	59.3	59.8
	61.1	51.1	61.1	51.1	61.1	61.1	51.1	61.1	61.1	61.1	61.1	51.1
•	⇒2 • 9	52.9	52.9	52.9	52.9	62.9	52.9	62.9	52.9	52.9	52.9	52.9
	54.4	54.4	54.4	54.4	64.4	54.4	54.4	54.4	54.4	64.4	54.4	54.4
٠,	54.6	54.5	64.5	24.6	64.6	54.5	64.5	64.6	54.5	64.5	54 • 5	54.5
	73.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
,	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
•	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
-	75.0	75.5	75.5	75.5	75.6	75.6	75.6	75.5	75.5	75.5	75.6	75.4
3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
ř	73.3	7 8.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	73.3	79.0	79.0
•	⇒1.3	41.º	32 • 1	32.1	82.1	B2.1	32.1	32.1	32.1	42.1	#2.l	32.1
:	37.3	3 7. 5	37.7	27.7	87.7	87.7	57.7	87.7	37.7	ë 7 • 7	37.7	3 7.7
Į	90.1	90.3	90.5	3).5	90.5	30.5	99.5	90.5	90.5	90.5	40.5	90.5
	92.7	92.9	93.1	93.1	93.1	73.1	93.1	93.1	93.1	93.1	93.1	93.1
,	32.7	92.9	23.1	93.1	73.1	93.1	93.1	93.1	93.1	73.1	93.1	93.1
	15.5	15.7	75.9	95.9	95.9	75.7	75.9	95.9	75.9	95.9	75.7	95.9
	17.4	97.6	97.8	97.4	97.8	97.3	97∙ਰ	97.3	97.8	9 7. 3	97.3	97 . 8
,	07.4	97.5	97.3	97.5	97.8	97.8	97.2	97.8	97.3	97.B	97.3	97.5
	37.5	₹7.5°	98.1	ಾ∃.1	93.1	93.1	98.1	93.1	94.1	98.1	95.1	43.1
	34.3	98.7	93.9	98.9	99.9	99.9	93.9	98.9	99.9	93.0	00.0	38.9
	35.3		98.9	98.9	98.9	93.9	98.9	98.9	99.9	93.7	93.9	78.9
	94.5	28.3	99.1	79.4	99.4	99.4	99.4	99.4	99.4	99.4	77.4	99.4
>	04.5	98.9	97.1	99.4	99.4	99.4	99.4	97.4	99.4	77.4	99.4	99.4
	93.5	98.9	99.4	99.6	99.6	99.5	99.5	99.6	99.6	99.5	99.5	99.5
	74.5	99.4	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.5
	13.5	99.4	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3	93.5	99.4	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	13.5	99.4	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.0
	• • • • •			• • • • • •		. 						

OPERATING LOCATION "A" USAFFTAC. ASHEVILLE NO

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBLE FROM HOUSELY DASERVATIONS

STATION			LST	to utc	: + 6	K FLO AN	Ge 4I			MONTH:	OF RECO	JRS: ALL	96 7: -
CEILING	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	ISIBILI	TY IN S			• • • • • • •	• • • • • • •	• • • • • •	• • • 1
IN	95	GE	GE	GE		GE	SE	GE	GE	SE	GE	GE	Sł
FEET	7	6	5. 5	4	3	2 1/2	2		1 1/4		3/4	5/3	1/,
										• • • • • •	• • • • • • •		
NO CEIL	46.2	47.0	47.4	47.7	47.3	47.8	47.9	47.9	47.9	47.9	43.0	43.0	44
CE 30000	ee 3	E / 3	.	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.7	57.7	57.
SE 20000 SE 13000		56•3 56•7	56.9 57.2	57.7	57.3	57.3	57.9	57.9	57.9	57.9	53.0	53.0	5 A
					57.9	57.9	58.0	58.0	58.0	58.0	58.1	58.1	53
3F 16000		56.8	57.3	57 . 3			53.5		53.º	58.9	59.9	59.3	53
GE 14000		57.6	53.1	53.6	53.7	53.7		58.8					
GE 12000	59.4	59.5	60.1	50.6	50.7	60.7	50 . 3	50 • 3	50 • d	60.4	50.9	50.9	40
SF 10000	51.5	62.3	53.4	54.0	54.1	54.1	64.2	54.2	54.2	64.3	64.3	54.3	4.4
35 2000	61.9	53.1	63.3	44.4	64.5	54.5	54.5	64.6	54.5	64.7	64.7	04.7	5/4
SE 3000		67.3	54.0	54.7	53 . 8	56.3	67.9	53.9	68.º	59.0	67.1	59.1	64
GE 7000	57.4	58.3	69.5	70.2	73.3	77.4	70.4	70.4	70.4	70.5	70.5	73.5	7.5
SE 6000		70.5	71.3	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.4	72.4	7.2
GE 5000	70.4	72.3	73.3	73.9	74.1	74.2	74.2	74.3	74.3	74.=	74.5	74.5	7.,
			-	74.5		74.9	75.3	75.0	75.1	75.2	75.3	75.3	73
		73.0	74.0		74.3					77.4	77.5		
GE 4000		75.0	75.1	76.7	77.3	77.1	77.2	77.3	77.3			77.5	7.7
GF 3500		76.8	79.1	74.7	73.1	79.1	79.3	79.3	79.4	79.5	79.5	79.0	7 +
SE 3000	73.4	੪७∙2	51.5	92.3	32.5	45.4	42.9	43.0	83.0	93.2	a3.3	-3.3	1 -
36 2500	80.5	32.5	93.9	84.5	35.0	85.2	95.4	35.4	35.5	₹5.5	55.7	35.7	
GE 3000	93.1	95.2	35.3	37.7	43.2	80.4	83.5	39.5	33.7	33.9	33.7	30.9	
35 1800	83.7	ថ្ងឹ∗ក	37.4	33.3	83.8	39.0	47.2	37.2	39.3	39.5	89.5	27.5	
GE 1500	85.3	38.1	90.0	90.9	71.6	21.3	92.0	72.1	92.1	32.3	92.4	92.	
SE 1200		53.4	91.5	92.5	93.3	93.5	93.7	93.9	94.0	74.7	34.3		
SF 1000	0.7	20.1	22.2	0.3. 5	37 5	0.4	37.3	25.1) E 3	0.5	<i>पृत्त</i> ुह	_	
	_	70.1	92.3	93.5	94.3	94.5	94.9		45.2	25.4		• . •	
SE 900		90.3	92.5	93.9	94.5	75.1	99.4	95.7	35.7	36.	45.	*	
SE 300		90.B	93.2	94.5	95.5		76.2	96.5	76.4	16.0	97.	• •	
GE 700		23.9	93.3	94.4	95.9	46.2	95.6	97.2	37.4	37.6	27.7	7.	
GE 500	89.4	91.0	93.5	95.0	95.2	96.5	97.0	97.7	97. 5	94.1	14.1	•	
SE 500	83.5	91.1	93.7	95.3	96.5	96.9	97.4	na., j)4.1	34.4			
GE 400	83.5	91.1	93.7	75.3	95.7	97.1	97.7	98.7	99	13.3			
SE 300		91.1	73.7	95.3	95.7	97.2	97.)	93.9	35.1	າລໍເ	. •		
GE 200		91.1	93.7	96.3	76.7	97.2	97.9		14.1	1.	٠.		
GE 100		91.1	93.7	95.3	95.7	97.2	97.9	વસ્તું 🤾	33.1	33.	4		
3E 990	99 F	21 1	32.7	36 3	06. 7	37 3	27 0	10.00	٠	,			
GE 000	88.5	71.1	93.7	25.3	96.7	97.2	97.4	45.9 ••••••	••••	'•			

AD-A210 623 CURFACE DECENUATION CLIMATIC SUMMARIES COCC. FOR VOLK 4 6 FEED ANGE HICONOMINATE FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT AFB IL MAI 39 LIMITATION CENTER SCOTT AFB IL MAI 30 LIMITATION CENTER SCOTT AFB IL MAI 30 LIMITATION CENTER SCOTT AFB IL MAI 30 LIMITATION CENTER SCO



CENTAGE	FREQUENCY	OF	000	URRENCE	OF	CEILING	VERSUS	VISIBILITY	
	FROM	HOUR	LY	DBSERVAT	101	15			

اعد <u>ا</u>	K FLD AN	ik édi		-	-	DF REC		-	JUL 89	3		ya ishi nakasi Migayasi karakati ili saga sakat mi Tibat ya
• • ;	VISIBILI	TY IN	STATUTE	MILES	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	
	GE	GE	GE	GÉ	GE	GE	GE	GE	GÉ	GE	GE	
	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0	
• •	• • • • • • •			• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •			and the second second second
٦	47.8	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	
5	57.5	57.5	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	
3	57.8	57.9	57.9	57.9	57.9	59.0	58.0	58.0	58.0	58.0	58.0	
<u> </u>	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	
7	58 .7	58.8	58.8	58.8	58.8	59.9	58.9	58.9	58.9	58.9	58.9	
7	60.7	60.8	60.8	60.8	60.8	50.9	50.9	60.9	60.9	50.9	60.9	-
1	54.1	64.2	54.2	54.2	54.3	64.3	64.3	54.4	64.4	64.4	64.4	
.,	54.5	64.5	64.6	64.6	64.7	64.7	64.7	64.8	54.8	64.8	64.8	
	68.3	68.9	68.9	68.9	59.0	69.1		69.1	69.1	69.1	59.1	
-3	70.4	70.4	70.4	70.4	70.5	70.6	70.6	70.6	70.5	70.5	70.5	
2 1 13 1	72.1	72.2	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	* *
						,			,			
1 3 3	74.2	74.2	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.5	74.5	
. 3	74.9	75.0	75.0	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	
)	77.1	77.2	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	
. 1	79.1	79.3	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.5	79.6	
• '>	42.8	82.9	93.0	83.0	93.2	83.3	83.3	A3.3	83.3	83.3	83.3	
	35.2	95.4	35.4	35.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	
Ž	50.4	93.6	38.6	38.7	38.9	88.9	88.9	88.9	88.9	33 . 9	88.9	
ā	39.0	89.2	39.2	89.3	89.5		~~89.5	89.6	89.5	89.6	89.5	
. 5	21.8	92.0	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	
3	93.5	93.7	93.9	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	
		a										
. 5	94.5	94.9	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.6	95.6	
, ~'	95.1	95.4	95.7	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	
5	95.8	96.2	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	
•	76.2	96.6	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.3	97.8	
. 2	96.5	97.0	97.7	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	
٠,	96.9	97.4	78.0	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	
. 7	97.1	97.7	98.7	98.9	99.3	99.4	99.4	99.4	99.4	99.5	99.5	
7	97.2	97.9	18.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	
7	97.2	97.9	98.9	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9	
7	97.2	97.9	98.9	99.1	99.6	99.8	99.3		99.9	100.0	100.0	
7	97.2	97.9	98.9	99.T	99.6	99.8	99.8			100.0	•	
• • •	• • • • • • •	•••••	••••••	• • • • • •	• • • • • •	• • • • • •	•••••		• • • • •	• • • • • •	• • • • •	

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI

	-								* ***		· -				
•				726430	LST	10 U1C	: + 6	K FLD AN				MONTH:	JUN		36- 08
			• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		VISIBILI				• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
		LING [N	GE	GE	GE	GE		GE	GÉ	GE	ĞE	ĞĒ	GE	GE	SE
		ET	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2
		:						<u> </u>							
	•••			• • • • • • • •			•••								
	NO	CEIL	48.2	49.2	49.9	51.0	52.1	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.
	SE	20000	55.3	56.6	57.9	59.4	60.6	61.0	61.1	61.1	61.1	51.2	61.2	61.2	61.
	GE	18000	55.4	56.7	58.0	59.5	60.7	61.1	61.2	61.2	61.2	61.3	61.3	61.3	51.
	GE	15000	55.4	56.8	58.1	59.7	69.8	61.2	61.3	61.3	61.3	61.5	61.5	61.5	51.
	GE	14000	56.3	57.7	59.0	50.6	61.7	62.1	62.2	62.2	62.2	62.4	62.4	62.4	· 52.
	GE	12000	53.9	50.3	61.9	63.4	54.7	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.
	GE	10000	60.8	52.8	64.3	65.9	67.3	67.7	67.8	67.8	67.8	68.0	68.0		
	GE	9000	61.1	63.1	64.7	66.2	67.7	68.0	68.2	59.2	63.2	58.4	58.4		
	GE	3000	64.2	66.2	67.8	69.3	70.7	71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.
	G€	7000	65.7	67.9	59.6	71.1	72.6	72.9	73.1	73.1	73.1	73.3	73.3		
	GE	6000	67.5	69.7	71.4	72.9	74.4	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.
	GE	5000	70.0	72.4	74.2	76.2	77.6	78.0	79.1	78.1	78.1	78.4	78.4	78.4	
	GE	4500	70.4	72.8	74.6	76.5	73.0	75.4	73.5	78.5	78.5	78.7	78.7		
	GE	4000	71.8	74.6	76.4	78.4	79.8	80.3	30.4	30.4	30.4	80.7	80.7	30.7	30.
	GE	3500	71.9	74.9	76.8	78.7	90.4	80.9	81.1	81.1	81.1	81.3	31.3		
	GΕ	3000	73.8	77.1	79.0	31.1	33.1	93.6	83.8	83.8	83.8	34.0	34.0	94.0	84.
	GE	2500	75.1	70.5	80.8	83.0	85.2	85.7	85.H	35.8	95.8	86.1	96.1	86.1	36.
	GE	2000	76.3	79.9	32.1	34.3	86.7	37.2	87.4	87.4	37.4	87.6	87.6		
	GE	1800	76.7	30.3	32.5	34.7	87.1	87.6	87.3	87.8	37.8	38.0	88.0		
	GE	1500	78.2	32.1	84.5	36.9	39.4	89.9	90.1	90.1	90.1	90.3	90.3		
	GE	1200	79.0	33.0	85.6	87.9	99.5	91.0	91.1	91.1	91.1	91.4	91.4	91.4	91.
	30	1000	79.5	83.6	36.5	89.0	91.8	92.3	92.5	92.5	92.5	92.8	92.8	92.8	92.
	GE	900	79.9	83.9	86.7	89.3	92.0	72.7	92.9	92.9	92.9	93.2	93.2	93.2	93.
	GE	800	80.5	84.5	37.4	90.1	92.8	93.4	93.7	93.7	93.7	93.9	93.9	93.9	73.
	GE	700	80.5	84.7	87.6	90.5	93.3	93.9	94.2	94.2	94.2	94.5	94.5	94.5	
	GE	600	80.3	85.1	88.0	91.0	93.9	94.7	95.1	95.1	95.1	95.5	95.5	95.5	95.
	GE	500	81.1	95.3	88.4	91.4	94.5	95.4	95.9	95.0	96.T	76.6	96.6		
	GE	400	81.3	85.6	38.7	91.5	95.2	96.4	95.9	97.4	97.8	98.6	98.7		
	GE	300	81.3	95.6	89.7	91.6	95.4		97.2		98.2		99.2		
	GE	200	81.3	85.6	88.7	91.6	95.4	96.6	97.2	97.8	98.5	99.2	99.5		
	GE	100	81.3	85.6	88.7	91.6	95.4	96.6	97.2	97.8	98.5	99.2	99.6	99.7	49,
	GE	000	81.3	85.6	88.7	91.6	95.4	96.6	97.2	97.8	98.5	99.2	99.6	99.7	99,

					-	·	· · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	·		
05055	NTAGE FR	COLLENC	Y 05 000	HODENCE	. OE CE	TI INC VI	EDCIIC VI		T V			
PERCE	NIAUE FR		HOURLY			ILING V	CK3U3 V	JIOILI				
	K FLD AN	IN EDI					DRD: AL		JUL 88			
: + 5					MONTH:	JUN	HOURS: (J0-U0				
• • • • • • •	VISIBILI	TY IN	STATUTE	MILES								
GE	GE	GE	GE	GE	GE		GE		GE	GE	GE	
3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0	
• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	
52.1	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	· · · · · · · · · · · · · · · · · · ·
60.6	61.0	61.1	61.1	61.1	51.2	61.2	61.2	61.2	61.2	61.2	61.2	
60.7	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
67.3	61.2	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
51.7	62.1	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	
54.7	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
67.3	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	
67.7	68.0	68.2	69.2	68.2	58.4	58.4	68.4	68.4	68.4	68.4	68.4	
70.7	71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	***************************************
72.6	72.9	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	
74.4	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	
77.6	78.0	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	
73.0	78.4	73.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
7).e	80.3	30.4	35.4	30.4	80.7	80.7	30.7	80.7	85.7	80.7	30.7	
30.4	80.9	81.1	81.1	81.1	81.3	81.3	81.3	31.3	81.3	81.3	81.3	
43.1	93.6	83.8	83.8	83.8	84.0	34.0	84.0	84.0	84.0	94.0	84.0	
85.2	85.7	85.8	85.8	95.8	86.1	96.1	86.1	86.1	86.1	86.1	86.1	
35.7	37.2	87.4	87.4	37.4	87.6	87.6	87.6	87.6	87.0	57.6	97.6	
37.1	87.6	87.8	87.8	57.8	88.0	83.0	98.0	88.0	83.0	58.0	83.0	·
17.4	89.9	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
99.5	91.0	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
91.8	92.3	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
92.0	92.7	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
35.8	93.4	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9		93.9	·
93.3	93.9	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
73.9	94.7	95.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
94.5	95.4	95.9	95.0	96.1	76.6	96.6	96.8	96.6	96.6	96.6	96.6	
95.2	96.4	95.9	97.4	97.8	98.6	98.7	98.7	98.7	98.7		98.7	
95.4	96.5		97.7	98.2	99.0	99.2	99.2	99.4	99.4	99.4	99.4	
75.4	96.6	97.2	97.8	98.5	99.2	99.6	99.7	99.9		100.0	100.0	
95.4	96.6	97.2	97.8	98.5	99.2	79.6	99.7	99.9	100.0	100.0	100.0	
75.4	96.6	97.2	97.8	98.5	99.2	99.6	99.7	99.9	100.0	100.0	100.0	

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OPERATING LOCATION WAW USAFETAC. ASHEVILLE NO

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VERSU

CEILING VISIBILITY I IN GE GE GE GE GE GE FEET 7 6 5 4 3 2 1/2 2	STATUTE MILES GE GE GE GE 1 1/2 1 1/4 1 3/4 51.6 51.6 51.6 51.6 62.3 62.3 62.3 62.3	
IN GE GE GE GE GE GE FEET 7 6 5 4 3 2 1/2 2	GE GE GE GE 1 1/2 1 1/4 1 3/4 51.6 51.6 51.6 51.6 62.3 62.3 62.3 62.3	5/8
FEET 7 6 5 4 3 2 1/2 2	1 1/2 1 1/4 1 3/4 51.6 51.6 51.6 51.6 62.3 62.3 62.3 62.3	5/8
	51.6 51.6 51.6 51.6 62.3 62.3 62.3 62.3	
	51.6 51.6 51.6 51.6 62.3 62.3 62.3 62.3	
	62.3 62.3 62.3 62.3	51.6
NO CEIL 49.1 50.5 51.3 51.6 51.6 51.6 51.		L.
GE 20000 57.6 60.4 61.8 62.3 62.3 52.3 52.		62.3
GE 18000 57.9 50.7 62.2 62.7 62.7 62.7 52.	62.7 62.7 52.7 62.7	62.7
GE 16000 57.9 60.7 62.2 62.7 62.7 62.7 62.	62.7 62.7 52.7 62.7 62.7 62.7 52.7 62.7	62.7
GE 14000 58.7 61.6 63.0 63.5 63.5 63.5 63.		63.5
GE 12000 61.7 64.6 66.1 66.6 66.6 66.6	56.6 66.6 66.6	66.6
GE 10000 63.7 66.9 68.4 68.9 68.9 68.9 68.	68.9 68.9 68.9 68.9	68.9
GE 9000 64.0 57.4 68.9 69.4 69.4 59.4 59.	69.4 69.4 69.4 69.4	69.4
GE 8000 66.6 70.0 71.6 72.1 72.1 72.1 72.	72.1 72.1 72.1 72.1	72.1
GE 7000 67.3 70.9 72.5 73.0 73.0 73.0 73.		73.0
GE 5000 68.7 72.3 74.0 74.6 74.6 74.6 74.	74.6 74.6 74.5 74.6	74.6
GE 5000 69.3 73.5 75.2 76.3 76.0 76.0 75.	76.0 76.0 76.0 76.0	76.0
GE 4500 70.3 74.1 75.8 76.6 76.6 76.6 76.		76.6
GE 4000 71.9 75.9 77.8 78.5 73.5 78.6 78.	78.6 78.6 78.6 78.5	73.5
GE 3500 72.9 77.0 78.9 79.7 79.7 79.8 79.		79.3
GE 3000 74.9 79.3 81.4 82.1 82.1 82.2 82.	82.2 82.2 82.2 82.2	82.2
GE 2500 78.5 83.1 85.3 86.1 86.1 86.2 86.	86.3 86.3 86.3 86.3	86.3
GE 2000 80.2 95.0 87.2 88.2 38.2 89.3 39.	88.4 98.4 38.4 88.4	88.4
GE 1800 60.8 95.7 97.9 88.9 89.9 89.0 87.		89.1
	91.4 91.4 91.5 91.5	
GE 1200 83.1 88.6 91.1 92.4 92.6 92.8 92.	93.0 93.0 93.1 93.1	93.1
GE 1000 84.2 89.9 92.5 93.9 94.2 94.5 94.	94.9 94.9 94.9 94.9	94.9
GE 900 84.2 89.9 92.5 94.1 94.8 95.3 95.		95.7
GE 800 84.4 90.2 92.9 94.8 95.6 96.2 96.	96.5 96.5 96.6 96.5	96.6
GE 700 84.6 90.4 93.2 95.1 96.2 97.0 97.		97.5
GE 600 84.6 90.5 93.3 95.3 96.5 97.4 97.	97.9 97.9 98.0 98.0	98.0
GE 500 84.6 90.6 93.6 95.3 97.2 98.1 98.	98.8 98.9 99.1 99.1	99.1
GE 400 84.6 90.6 93.6 95.8 97.3 98.5 98.		99.7
GE 300 84.6 90.6 93.6 95.9 97.4 98.7 99.	99.6 99.7 99.9 99.9	
GE 200 84.6 90.6 93.6 95.9 97.4 98.7 99.	99.7 99.7 100.0 100.0	
GE 100 84.6 90.6 93.6 95.9 97.4 98.7 99.	99.7 99.7 100.0 100.0	100.0
GË ŌOŌ 84.6 90.6 93.6 95.9 97.4 98.7 99.	99.7 99.7 100.0 100.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

• • •	••••	VISIBILI	TY IN	STATUTE	MILES		•••••						
	GE 3	GE 2 1/2	GE 2	GE	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE O	
• • •	• • • •	• • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • • •	• • • • • •	•••••	
5	1.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.5	51.6	51.6	
6	2.3	52.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	
5	2.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	
6	2.7	62.7	62.7	62.7	62.7	52.7	62.7	62.7	62.7	62.7	52.7	62.7	
- 6	3.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	
5	5.6	56.6	66.6	66.6	66.6	66.5	66.6	66.6	66.6	66.6	66.6	66.6	
6	8.9	58.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	60.9	68.9	
6	7.4	59.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
7	2.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
	3.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
7	4.6	74.6	74.6	74.6	74.6	74.5	74.6	74.6	74.6	74.6	74.6	74.6	
7	6.0	76.0	75.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
	5.5	76.6	76.0	76.6	76.6	76.5	76.6	76.6	76.6	76.6	76.5	76.5	
	3.5	78.6	78.6	78.6	78.6	78.6	78.5	73.6	78.6	70.6	70.5	79.6	
	9.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
3	2.1	32.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	32.2	32.2	
	5.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	96.3	86.3	-
	3.2	89.3	88.4	88.4	88.4	38.4	88.4	88.4	88.4	88.4	88.4	88.4	
	3.9	89.0	89.0	89.1	89.1	39.1	89.1	89.1	89.1	89.1	59.1	89.1	
	1.1	91.2	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
.3	2.6	92.8	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
9	4.2	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
9	4.8	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
9	5.6	96.2	95.4	96.5	96.5	96.6	96.5	96.6	96.6	96.6	96.6	95.6	
9	6.2	97.0	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
9	6.5	97.4	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	9P.0	
9	7.2	98.1	98.5	98.8	98.9	99.1	99.1	99.1			99.1	99.1	
	7.3	98.5	98.9	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
	7.4	98.7	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
	7.4	98.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.3	100.0	100.0	
3	7.4	98.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
9	7.4	98.7	99.I	99.7	99.7	100.0	100.0	100.0	T00.5	100.0	100.0	100.0	

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OPERATING LOCATION WAW USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI FROM HOURLY OBSERVATIONS

STA	TION N	IUMBER:	726436	STA1	TO UTC	ME: VOLI	K FLD AN	GB WI			PERIOD MONTH:	JUN	HOURS:	_
• • •	LING	•••••	• • • • • • •						STATUTE		• • • • • •	• • • • • •	• • • • • •	•••••
l		GE	GE	GE	GE		GE GE	GE	GE	UE. WIFE2	GE	GE	ĞĒ	-∵g _E
	ĒΤ		6	5	4		2 1/2	2	1 1/2	1 1/4		3/4	5/8	1/2
		7			.		2 1/2			<u> </u>		3/4	3/6	
•••	• • • • • •	•••••	••••	, • • • • • •		• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •
ИÜ	LIBO	45.7	46.2	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE	20000	57.7	58.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE	18000	57.8	58.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE	16000	57.9	58.9	60.0	50.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE	14000	59.3	60.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE	12000	60.4	61.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
	10000	63.5	64.6	65.9	65.9	65.9	65.9	65.9	65.9	55.9	65.9	65.9	65.9	65.9
GE	9000	63.7	64.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE	8000	66.0	67.3	68.6	58.6	63.7	68.8	68.8	68.8	68.8	58.8	68.8	68.8	65.9
GE	7000	66.4	67.7	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
GE	6000	68.5	69.9	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
GE	5000	69.9	71.3	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
ĢĒ	4500	70.8	72.1	73.5	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2
GE	4000	74.0	75.5	77.0	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7
GE	3500	76.9	78.7	80.3	80.5	80.9	81.0	81.3	81.3	81.3	81.3	61.3	81.3	81.4
GE	3000	30.5	82.6	84.4	84.7	95.0	95.1	85.4	85.4	85.4	85.4	85.4	85.4	85.5
۰.	25.00		07.0	10.0	20.3	22.5		00.0	22.2		^^ ^			22.2
GE	2500	84.5	87.0	38.8	89.2	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	90.0
GE	2000	86.4	99.2	91.2	91.7	92.4	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.5
GE	1300	86.7	89.6	91.6	92.2	,	,	92.8	92.8	92.8	92.8	92.8		772.9
GE	1500	89.0	72.4	94.4	95.0	95.2	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE	1200	89.6	93.2	95.2	95 .7	96.2	96.3	96.7	96.7	96.7	96.7	95.7	96.7	96.7
GE	1000	90.2	93.7	96.1	96.7	97.4	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.1
GE	900	90.2	93.8	96.2	96.8	97.7	97.7	98.1	93.2	98.2	98.2	98.2	98.2	98.3
ĞĒ	800	90.4	94.1	96.4	97.1	97.9	98.1	98.5	98.7	98.7	- 98. 7	99.7	98.7	98.7
GE	700	90.4	94.1	96.5	97.2	93.0	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.0
GE	600	90.4	94.1	96.5	97.3	98.3	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.4
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GE	500	90.4	94.1	96.6	97.4	93.4	98.8	99.4	99.6	99.5	79.5	99.6	99.6	99.7
GE	400	90.4	94.1	96.6	97.4	93.4	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE	300	90.4	94.1	96.6	97.4	98.4	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.8
GE	200	90.4	94.1	96.6	97.4	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.9
GE	100	90.4	94.1	96.6	97.4	98.4	98.8	99.5	99.7	99.7	99.7	99.9	99.9	100.0
GE	000	90.4	94.1	96.6	97.4	98.4	98.8	99.5	99.7	99.7	99.7	79.9	99.9	100.0
• • •	• • • • •	• • • • •	• • • • • • •			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •		• • • • • •	

		and the original to the original deal of the field										
PERCE	NTAGE FR	FOUENC	Y DE DCC	URRENCE	OF CE	ILING V	ERSUS V	ISIBILI	ΓY			
		FROM	HJURLY	DBSERVA	TIONS							
ะ งกเ	K FLU AN	IGB WI			PERIOD	OF REC	DRD: A	UG 73 -	JUL 88	<u> </u>		
6					*HTMOM	JUN I	HOURS:	12-14	•			
					• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	
GE	VISIBILI	GE GE	GE	WILE?	GE		······································	GE			GE -	
3	GE 2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0	

6.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	
	50.0	5 0 0	50 0	50.0	50.0	50 0	50.0	50 0	5 0 0	50.0	50.0	
59.8 59.9	59.8 59.9	59.8 59.9	59.8 59.9	59.8 59.9	59.8 59.9	59.B 59.9	59.8 59.9	59.8 59.9	59.8 59.9	59.8 59.9	59.8 59.9	
50.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	
1.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
2.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	
						~						
5.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	
6.1	66.1	65.1	66.1	66.1	66.1 68.8	68.8	66.1	66.1	66.1	66.1	66.1	
3.7 9.1	58•8 69•2	69.8 69.2	53.8 69.2	68.8 69.2	69.2	69.2	68.8 69.2	68.9 69.3	69.3	69.3	68.9 69.3	
1.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	
• • •										. • • •		
73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	
4.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	
77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	
19.9	81.0 85.1	81.3 85.4	81.3 85.4	81.3 85.4	81 • 3 85 • 4	61.3 85.4	81.3	81.4 85.5	81.4	81.4 85.5	81.4 85.5	
7.0	22.1	97.4	09.4	07.4	09.4	07.4	00.4	00.0	00.0	99.5	00.0	
9.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	
12.0	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	
2.4	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	
5.2	95.3	95.7	95.7	95 • 7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
5.2	96.3	96.7	96.7	96.7	96.7	95.7	96.7	96.7	96.7	96.7	96.7	
7.4	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1	99.1	96.1	
7.7	97.7	98.1	93.2	98.2	96.2	98.2	98.2	98.3	98.3	98.3	98.3	
7.9		98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	-	
3.0	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	
8.3	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	
3 4	no n -	nn z		- 00-2	00 -			no				
)3.4)3.4	98.8 98.8	99.4 99.5	99.6 99.7	99.5 99.7	99.6 99.7	99.5 99.7	99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	
9.4		99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	
18.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.4	99.9	99.9	
9.4	98.8	99.5	99.7	99.7	99.7			100.0			100.0	

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OPERATING LOCATION WAW USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL FROM HOURLY OBSERVATIONS

 ST	ATION	NUMBER:		LST	TO UTC	: + 6	K FLD A				PERIOD MONTH:	OF RE	CORD: A	ÜG 73
CE	ILING	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	VICIDIL	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • • •	
	ĪN	GE	GE	GE	C E	GE	GE AT2181C		STATUTE					
F	EET	7	6	5		3		GE	GE	GE	GE	GE	GE	GF
 • •		•••••		44444	T		2 1/2	2	1 1/2	1 1/4		3/4	5/8	172
						••••	•••••	• • • • • •	••••••	• • • • • •	• • • • • •	•••••	• • • • • • • •	••••
NO	CEIL	47.0	47.7	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.1
	20000		59.9	60.5	60.3	60.8	60.8	63.8	50.8	60.9	50.9	400		
	18000		60.1	60.9	61.0	61.0	61.0	61.0	51.0	51.0		60.8	60.P	60.
	16000		60.1	60.9	51.0	61.0	51.0	61.0	61.0	61.0	61.0	61.0	61.0	51.0
	14000		60.6	61.4	61.6	61.6	61.6	61.6	61.6	61.6		61.0	61.0	61.(
GE	12000	60.9	61.8	62.6	62.7	62.7	62.7	62.7	62.7	62.7	61.6	61.5	61.6	61.e
						• • • • • • • • • • • • • • • • • • • •	02.	02.	02.7	02.7	62.7	62.7	62.7	62.
	10000	65.2	66.2	67.0	67.1	67.1	67.1	67.1	57.1	67.1	67.1	<i>(</i> 7		
 GE	9000		67.1	67.9	68.1	68.1	68.1	69.1	68.1	68.1	68.1	67.1	67.1	67.1
GE	8000	69.4	70.4	71.2	71.4	71.7	71.7	71.7	71.7	71.7	71.7	68.1	68.1	68.1
GE	7000		71.9	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	71.7		71.
GE	6000	73.2	74.3	75.1	75.3	75.6	75.6	75.6	75.6	75.6	75.6	73.2 75.6	73.2	73.
									. , ,	1 74 0	13.0	13.0	75.6	75.€
GE	5000		76.5	77.3	77.5	77.8	77.6	77.8	77.8	77.8	77.8	77.8	77.8	
GE	4500		77.5	78.3	78.7	79.0	79.0	79.0	79.0	79.0	79.3	79.0	79.0	77.: 79.:
GE	4000		80.0	30.9	81.6	81.8	81.8	31.8	91.8	81.8	91.9	81.8	91.8	91.
GE	3500		92.3	83.4	84.0	34.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.1
GE	3000	85.6	87.8	89.0	89.6	39.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
										70,0	7040	7040	70.0	70.0
GE	2500		89.5	91.0	92.1	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.
GE	2000		92.3	94.0	95.1	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.
GE		89.9	92.7	94.4	95.5	95.7	95.7	95.3	95.8	95.8	95.8	95.4	95.8	95.
GE	1500		93.5	95.2	96.2	96.5	96.5	96.6	96.5	96.6	96.6	96.6	95.6	96.6
GE	1200	91.0	94.0	95.7	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
			_							•	• •		,,,,,	,,,,-
GE	1000	91.3	94.4	96.2	97.4	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.1
GE	900	91.4	94.5	96.5	97.7	98.2	98.2	93.3	98.3	98.3	98.6	98.6	98.6	oy.
GE	300	91.6	94.8	96.8	98.3	93.8	98.8	99.0	99.0	99.0	99.2	79.2	99.2	99.
ĢE	700	91.6	94.8	96.8	98.3	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE	600	91.6	94.3	97.0	98.6	99.2	99.2	99.4	99.4	99.4	99.6	99.5	99.6	99
ćE	500					_							.,	, •
GE	500		94.8	97.0	98.5	99.2	99.2	99.4	99.4	99.4	99.6	99.5	99.6	99.6
 GE	400	91.5	94.8	97.0	98.6	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.
GE	300	91.6		97.0	98.6	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	
GE	200	91.6	94.8	97.0	98.6	99.2	99.2	99.4	99.4	99.4	99.7	99.9	99.9	99.0
GÉ	100	91.6	94.8	97.0	98.6	99.2	99.2	99.4	99.4	99.4	99.7	99.9	99.9	99.
GÉ	000	91.5	04. 3	07 0	00.4							·	-	
96		71.0	94.8	97.0	98.6	99.2	99.2	99.4	99.4	99.4	99.7	99.9	99.9	99.1
				•••••	• • • • • • •		•••••	• • • • • •	• • • • • • •		• • • • • •	• • • • •	• • • • • •	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

		JUL 88	5-17	10URS:	JUN I	MONTH:				K FLD AN	: + 6
 							MILES	STATUTE	TY IN		
 GE O	GE 1/4	GE 3/8	GE 1/2	GE 5/8	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 2	2 1/5 GE	GE 3
• • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • • •	•••••	• • • • • • • •	•••••
 48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	49.3	48.3	48.3
 60.8	60.8	60.8	60.8	60.8	60.8	50.9	60.8	60.8	60.8	60.8	50.8
 61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
 61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	51.0	61.0
61.6	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.5
62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	52.7
67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
68.1	69.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	63.1	68.1	68.1
 71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
 77.8	77.8	77.3	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.6	77.8
79.0	79.0	79.0	79.0	79.0	79.0	79.3	79.0	79.0	79.0	79.0	79.0
 81.8	8.16	81.3	81.8	81.8	81.8	31.5	81.8	91.8	31.8	81.9	81.8
84.3	94.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
 90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	89.9	99.9
 92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.3	92.3
95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.3	95.3
 95.8	95.B	95.8	95.8	95.8	95.9	95.8	95.8	95.8	95.9	95.7	95.7
96.6	96.6	96.6	96.6	95.6	95.6	96.6	96.6	96.6	96.6	96.5	96.5
 97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.3	97.3
 99.2	99.2	98.2	98.2	98.2	98.2	98.2	98.1	98.1	93.1	97.9	27.9
98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.3	98.3	98.3	98.2	98.2
 99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.0	99.0	99.0	98.8	93.8
99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.0	99.0	99.0	98.8	98.8
 99.6	99.3	99.6	99.6	99.6	99.6	99.6	99.4	99.4	99.4	99.2	99.2
 99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.4	99.4	99.4	99.2	99.2
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.4	99.4	99.4	99.2	99.2
 99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.4	99.4	99.4	99.2	99.2
99.9	99.9	99.9	99.9	99.9	99.9	99.7	99.4	99.4	99.4	99.2	99.2
 100.0	100.0	100.0	99.9	99.9	99.9	99.7	99.4	99.4	99.4	99.2	39.2
 100.0	100.0	100.0	99.9	99.9	99.9	99.7	99.4	99.4	99.4	99.2	99.2

OPERATING LOCATION "A" USAFÉTÁC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS-FROM HOURLY OBSERVATIONS

 STA	TION N	NUMBER:	726436	LST	TO UTC:	+ 6	FLD AN	14 85			HONTH:	UF RECO	JRS: AL	us L
CET	LING	• • • • • •	• • • • • • • •	•••••	• • • • • •		1101011	TV IN	STATUTE	MTIES	• • • • • • •	• • • • • • •	• • • • • •	• • •
	N N	GË	GE	GE	GE	GE	GE	GÉ	ĞE	GE	ĠÉ	GE	GE	
-	ET	7	6	5	. 4	3	2 1/2	2		1 1/4	1	3/4	5/8	ı
													_ 77 %	• • •
•••											• • • • • • • • • • • • • • • • • • • •			
NO	CEIL	47.2	48.4	49.1	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	4
GF	20000	57.4	59.0	60.2	60.7	60.9	61.0	51.0	51.0	51.0	51.0	61.0	61.0	6
	18000	57.6	59.2	60.4	60.9	61.1	61.2	61.2	51.2	61.2	51.3	61.3	61.3	6
 	16000	57.7	59.3	50.5	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	E
	14000	58.6	60.3	61.4	61.9	62.1	62.2	62.2	52.2	62.2	62.3	62.3	62.3	5
	12000	60.6	52.2	63.5	64.0	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.4	4
GÉ	10000	63.4	65.3	66.5	67.0	67.3	67.4	67.4	57.4	67.4	67.5	67.5	67.5	6
GE	9000	63.7	55.7	67.0	67.5	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	5
GF	8000	66.5	68.5	69.9	70.4	70.7	70.8	70.8	70.8	70.9	70.9	70.4	70.9	7
GE	7000	67.4	69.5	70.9	71.4	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	7
GE	6000	69.3	71.4	72.9	73.4	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	7
GE	5000	71.0	73.2	74.7	75.4	75.7	75.3	75.9	75.9	75.9	75.9	75.9	75.9	7
GE	4500	71.5	73.9	75.4	70.i	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	7
GÉ	4000	73.7	76.3	77.9	78.7	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	7
GE	3500	75.4	78.1	79.8	80.6	81.1	81.3	<u>e</u> 1.4	81.4	81.4	81.4	91.4	91.4	4
GE	3000	78.5	81.5	83.3	94.2	94.7	84.9	85.0	85.0	85.0	85.1	85.1	85.1	Ĥ
GE	2500	81.4	84.7	36.6	87.6	99.2	88.3	88.5	38.5	58.5	35.6	88.6	88.6	۶,
GE	2000	83.2	96.7	38.7	89.8	90.5	90.5	90.3	90.8	90.8	90.8	90.8	90.8	-3
GE	1800	83.5	97.2	89.2	90.3	90.9	91.1	91.3	91.3	91.3	91.4	91.4	91.4	Ġ
GE	1500	85.2	39.1	91.2	92.4	93.1	93.2	93.4	93.5	93.5	93.5	93.5	93.5	9
GE	1200	85.8	90.0	92.1	93.4	94.2	94.4	94.6	94.6	94.5	94.7	94.7	94.7	9
GE	1000	86.5	90.7	93.1	94.5	95.4	95.6	95.9	96.0	96.0	96.1	96.1	96.1	9
GE	900	85.6	90.8	93.3	94.7	95.8	96.1	95.3	96.4	96.4	96.5	96.5	96.5	À
GE	300	86.9	91.2	93.6	95.2	96.4	96.7	97.0	97.1	97.1	97.2	97.2	97.2	9
GE	700	86.9	91.2	93.8	95.4	96.7	97.2	97.4	97.5	97.5	97.7	97.7	97.7	7
GE	600	87.0	91.4	94.0	95.7	97.1	97.6	98.0	98.1	99. I	98.2	98.2	98.2	3
GE	500	97.0	91.5	94.1	96.0	97.4	98.0	99.4	98.6	98.7	98.9	98.9	98.9	9
GE	400	87.1	91.5	94.2	96.0	97.6	95.3	99.8	99.1	99.2	99.5	99.5	99.5	0
 GE	300	87.1	91.5	94.2	96.0	97.7	95.4	98.9	99.2	99.3	99.6	99.7	99.7	
GE	200	87.1	91.5	94.2	96.0	97.7	98.4	98.9	99.2	99.4	99.7	99.8	99.9	9
GE	100	87.1	91.5	94.2	96.0	97.7	98.4	98.9	99.2	99.4	99.7	99.9	99.9	9
GE	000	87.1	91.5	94.2	96.0	97.7	98.4	98.9	99.2	99.4	99.7	99.9	39.9	9
		• • • • • •			• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • •

TOTAL NUMBER OF OBSERVATIONS 3931

1

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PERCE	NTAGE FR		Y OF DCC HOURLY	and the same of the same of	1 - 14 per - 17 (- 1)	ILING V	ERSUS V	ISTBILI	TY			
1E: VOL	K FLD AN	IGB WI				UF RECO		-	JUL 8F			- · - · - ·
•••••		TV 74	********	MT1 EC	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	
GE	VISIBILI GE	GE	GE	GE	GE	ĠĖ	GE	GE	GE	GE	GE	
3	2 1/2	2	-	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0	
,	• • • • • • • •	• • • • • • •									•••••	
49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	
60.9	61.0	61.0	51.0	61.0	51.0	61.0	61.0	61.0	61.0	61.0	61.0	
61.1	61.2	61.2	61.2	61.2	51.3	61.3	61.3	61.3	51.3	61.3	61.3	
61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
62 .1 64 .2	62•2 64•3	52.2 64.3	62.2 64.3	62.2 64.3	62.3 64.4	62.3	62.3	52.3	62.3	52.3	52.3	
04.2	04.3	07.5	04.5	04.3	04.4	64.4	64.4	64.4	64.4	64.4	64.4	
67.3	67.4	57.4	67.4	67.4	57.5	67.5	67.5	67.5	57.5	67.5	67.5	
67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	
70.7	70. á	70.8	70.8	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
71.3	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	
73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	
									, , , ,			
75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	75.7	75.7	76.7	
79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	
31.1	91.3	81.4	81.4	81.4	81.4	91.4	91.4	81.5	81.5	91.5	81.5	
94.7	24.9	35.0	85.0	95.0	85.1	85.1	85.1	95.1	85.1	85.1	85.1	
33.2	58.3	83.5	38.5	98.5	38.6	88.6	88.6	88.6	83.6	88.6	88.6	
90.5 90.9	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	
93.1	91 • 1 93 • 2	91.3	91.3	93.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
94.2	73.2	94.6	93.5 94.6	94.5	93.5 94.7	93.5 94.7	93.5 94.7	93.6 94.7	93.6 94.7	93.6 94.7	93.6	
77.2	74.4	74.0	74.5	74.0	7407	7447	74.1	74.1	74.1	74.1	74.1	
95.4	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	93.1	96.1	
95.8	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	
75.4	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	77.3	
96.7	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
97.1	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
97.4	98.0	95.4	98.6	78.7	98.9	98.9	98.9	79.9	98.9	98.9	98.9	
97.6	95.3	99.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
97.7	95.4	98.9	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
97.7	98.4	98.9	99.2	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	
97.7	98.4	98.9	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	
97.7	98.4	98.9	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	

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المراجع المتعادمة

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION N	UMBER:	726436	LST	TO UTC	+ 6					MONTH:	JUL	CORD: /	96-98	JUL
CEI	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	119121	TV IN	STATUTE		• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	••••
Ī		GE	GE	G.E	GE	GE '	GE	GE	GE		GE	G E	C.E.	GE	1
-	ET	7	6	5								3/4	5/8	1/2	3/
			-		.4				1 1/2	J. 1/7	÷			1/2	3/
• • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • •
NO	CEIL	46.8	49.8	52.6	53.9	54.3	54.7	55.2	55.3	55.3	55.6	56.0	56.0	56.3	5-1
GE	20000	50.9	54.9	58.1	59.5	59.9	60.4	60.9	61.2	61.2	51.4	62.0	52.0	62.2	57
	13000	50.9	54.9	58.1	59.5	59.9	60.4	60.9	61.2	51.2	51.4	62.0		62.2	52
	16000	50.9	54.9	58.1	59.5	59.9	50.4	60.9	61.2	61.2	61.4	62.0		62.2	524
	14000	51.7	55.8	59.3	60.8	51.2	61.6	62.1	62.4	52.4	62.7	53.2		63.5	63.
	12000	54.4	58.6	62.4	64.1	64.5	65.0	65.5	55.9	65.9	66.2	66.7		67.0	67.
		,,,,,	3000	320.	0.42	,,,,,	0,10	0,,,,	320,	0,00	0012		0017	3	0.1
GE	10000	58.6	63.2	67.4	69.4	70.0	70.4	73.9	71.3	71.3	71.5	72.1	72.1	72.4	7 2.
ĞË	9000	59.0	63.6	57.8	69.3	70.4	70.3	71.3	71.7	71.7	72.0	72.5		72.8	72.
ĞĒ	8000	62.8	67.9	72.7	74.7	75.2	75.6	76.2	76.7	76.7	77.0	77.5		77.4	77
GE	7000	63.1	58.5	73.3	75.4	75.9	76.3	76.9	77.4	77.4	77.7	79.2		78.5	73
GE	6000	64.5	70.0	75.1	77.1	77.7	78.1	73.6	79.2	79.2	79.4	80.0		33.2	ءَ مُ
-		,,,,,						13.0	. , • •	• / • -				3346	
GE	5000	65.9	71.4	76.9	79.0	79.6	80.1	80.6	81.5	31.5	81.7	82.3	82.3	82.5	6 5
SE	4500	65.7	72.4	77.3	30.1	30.6	81.2	31.7	82.5	32.5	32.3	83.4	_	83.6	85
GE.	4000	67.8	73.6	79.0	31.3	82.0	82.5	83.1	93.9	83.9	34.2	84.7			35
GE	3500	68.5	74.5	80.1	82.5	83.2	33.8	34.3	35.1	85.1	85.4	85.9		36.2	35
ĞĒ	3000	69.7	75.9	81.6	84.2	34.8	85.5	86.2	97.0	87.0	87.3	87.8		88.1	84
•				3210		•							3		
GE	2500	70.2	76.6	92.5	85.1	85.9	86.5	67.3	88.1	88.1	83.4	88.9	88.9	89.2	A 3
GE	2000	71.0	77.5	83.5	86.1	87.0	87.7	89.4	89.2	59.2	89.4	90.0		90.4	9 0
GE	1800	71.0	77.5	33.6	86.2	87.1	97.8	88.5	39.3	39.3	89.6	90.1	90.I	90.5	90
GE	1500	71.3	78.1	84.3	86.9	97.8	88.5	89.4	90.3	90.3	90.7	91.2		91.6	21
GE	1200	72.0	78.9	95.3	88.0	89.0	39.7	90.7	91.5	91.5	91.9	92.4		92.8	3.3
	•						•								
GE	1000	72.5	79.4	86.2	39.0	90.4	91.2	92.7	93.5	93.5	93.9	94.5	94.5	94.9	94
GE	900	72.5	79.4	35.6	89.4	90.8	91.6	93.1	93.9	93.9	94.3	94.9	94.9	95.3	95
GE	800	72.9	90.0	87.1	90.1	91.7	92.6	94.3	94.9	94.9	95.3	95.9	95.8	96.2	95
GE	700	73.5	30.5	39.0	90.9	92.6	93.4	94.9	95.7	95.7	96.1	95.5	96.5	97.0	97
GE	600	73.5	80.5	88.0	90.9	92.6	93.4	95.0	96.1	96.1	96.5	97.0	97.0	97.4	97
GE	500	73.5	80.6	33.2	91.3	93.0	93.3	95.5	95.6	96.8	97.2	97.7	97.7	99.2	93
GE	400	73.5	80.6	88.2	91.5	93.2	94.2	95.9	97.2	97.3	97.7	98.2	98.2	93.8	94
ĜĖ	300	73.5	90.6	38.4	91.5	93.4	94.5	95.2	97.4	97.6	98.1	99.1	99.1	99.6	99
GE	200	73.5	80.5	88.4	91.6	93.4	94.5	96.2	97.4	97.6	98.1	99.2	99.2	99.7	99
GE	100	73.5	80.6	88.4	91.6	93.4	94.5	96.2	97.4	97.5	98.1	99.2	99.2	99.9	99
			= =	-		= :	-								
GE	000	73.5	80.6	38.4	91.6	93.4	94.5	95.2	97.4	97.6	98.1	99.2	99.2	99.9	99
• • •			• • • • • • •			• • • • • •				• • • • • •					

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

4	V GE 3	GE	TY IN S	STATUTE	444.56								
4	GÉ	GE			WIII - \		• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••	
4				GE	GE	GE	GE	GE	GE	GE	GE	GE	
			2		1 1/4			5/8	1/2	3/3	1/4	0	
			7								*****		
53.9	54.3	54.7	55.2	55.3	55.3	55.6	56.0	56.0	56.3	56.3	56.3	56.3	
59.5 5	59.9	50.4	60.9	61.2	61.2	51.4	62.0	52.0	62.2	62.2	62.2	52.2	
5 5 5	59.9	60.4	60.9	61.2	51.2	61.4	62.0	62.0	62.2	62.2	62.2	62.2	
39.5 5	59.9	50.4	60.9	61.2	61.2	61.4	62.0	62.0	62.2	62.2	62.2	62.2	
50.5 6	1.2	61.6	62.1	.62.4	52.4	62.7	53.2	63.2	63.5	63.5	53.5	63.5	
54.1 A	14.5	65.0	65.5	55.9	65.9	66.2	66.7	66.7	67.0	67.0	57.0	67.0	
57.4 7	70.0	70.4	70.9	71.3	71.3	71.5	72.1	72.1	72.4	72.4	72.4	72.4	
59.3 7	70.4	70.3	71.3	71.7	71.7	72.0	72.5	72.5	72.8	72.8	72.3	72.3	
	15.2	75.6	76.2	76.7	76.7	77.0	77.5	77.5	77.8	77.3	77.8	77.3	
	75.9	76.3	76.9	77.4	77.4	77.7	78.2	78.2	78.5	73.5	78.5	78.5	
_17.1 7	77.7	78.1	73.6	79.2	79.2	79.4	80.0	80.0	33.2	80.2	PO.2	80.2	
	79.6	30.1	80.6	81.5	31.5	81.7	82.3	82.3	82.5	92.5	32.5	32.5	•
	10.6	31.2	31.7	82.5	32.5	32.3	33.4	83.4	83.6	83.6	83.6	83.6	
	12.0	32.5	83 .1	33.9	33.9	34.2	84.7	84.7	85.0	35.0	35.0	85.0	
	13.2	33.8	34.3	პ5 . 1	85.1	85.4	85.9	85.9	36.2	86.2	86.2	86.2	
34.2 3	34.8	95.5	86.2	97.0	P7.0	87.3	87.8	87.8	88.1	83.1	88.1	38.1	
	35.9	86.5	67.3	88.1	88.1	89.4	вв.9	88.9	89.2	89.2	89.2	89.2	
	37.0	87.7	89.4	39.2	39.2	39.4	90.0	90.0	90.4	90.4	90.4	90.4	
	37.1	37.5	83.5	99.3	39.3	89.6	90.1	90.1	90.5	90.5	90.5	90.5	
	37.8	88.5	89.4	90.3	90.3	90.7	91.2	91.2	91.6	91.6	91.5	91.6	
-0.0 8	39.0	39.7	90.7	91.5	91.5	91.9	92.4	92.4	92.8	92.3	92.3	92.8	
	90.4	91.2	92.7	73.5	93.5	93.9	94.5	94.5	94.9	94.9	94.9	94.9	
	99.8	91.6	93.1	93.9	93.7	94.3	94.9	94.9	95.3	95.3	95.3	95.3	
	1.7	92.6	94.3	94.9	94.9	95.3	95.3	95.8	96.2	96.2	95.2	96.2	
	12.6	93.4	94.9	95.7	95.7	96.1	96.6	96.6	97.0	97.0	97.0	97.0	
90 . 9 9	12.6	93.4	95.0	96.1	96.1	96.5	97.0	97.0	97.4	97.4	97.4	97.4	
	3.0	93.8	95.5	96.6	96.8	97.2	97.7	97.7	99.2	98.2	98.2	98.2	
	13.2	94.2	95.9	97.2	97.3	97.7	98.2	98.2	93.8	99.8	98.9	98.3	
	13.4	94.5	95.2	97.4	97.6	98.1	99.1	99.1	99.6	99.6	99.6	99.6	
	3.4	94.5	96.2	97.4	97.6	98.1	99.2	99.2	99.7	99.7	99.9	99.9	
71.6 9	13.4	94.5	96.2	97.4	97.6	98.1	99.2	99.2	99.9	99.9	100.0	100.0	
91.5 9	3.4	94.5	95.2	97.4	97.6	98.1	99.2	99.2	99.9	99.9	100.0	100.0	

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI-FROM HOURLY OBSERVATIONS

0.54		A 311 C T	1222 10						11301121	0,500,10				
STA	TION N	UMBER:	726436		TON NAM		(FLD AN	GB WI			PERIOD MONTH:		CORD: 4 HOURS:	
• • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••						• • • • • • •	• • • • • •	• • • • • • • •	• • • •
	LING	.	~ ~	٥.	c -		\IZIBIFI			GE MILE2	GE	GE	GE	(
	N	GE	G E.	GE 5	GE		GE	GE	GE			3/4	5/8	17
. Ft	ET	7	6	י	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4		17
•••	• • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	••••	• • • • • • • •	•••••	• • • • • • •		• • • • • • • • •	••••
NO	CEIL	49.0	51.0	52.9	54.0	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54
GE	20000	57.1	59.8	52.0	63.4	63.9	64.0	64.0	64.0	64.0	54.0	64.0	64.0	54
	18000	57.1	59.8	52.0	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64
	15000	57.1	59.8	52.0	63.4	63.9		64.0		54.0	54.0	64.0	64.0	54
	14000	57.9	60.5	62.8	64.2	64.6	64.B	64.8	64.8	64.8	64.3	64.3	54.8	64
	12000	60.0	63.1	65.3	66.8	67.4	67.5	67.6	67.6	67.6	67.6	67.6		57
-														
GE	10000	63.1	56.5	59.1	70.6	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71
ĞĒ	9000	63.5	67.2	69.7	71.2	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72
ĞĒ	8000	67.1	70.8	73.4	74.9	75.6	75.8	75.0	76.0	76.0	76.0	76.0	76.0	7 6
GE	7000	68.2	71.9	74.6	76.3	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77
GE	6000	69.3	73.2	75.8	77.5	73.2	73.4	78.5	78.5	78.5	79.5	78.5	73.5	79
•-		• • • •												
GF	5000	70.5	74.6	77.6	79.4	90.3	30.5	90.7	30.7	90.7	80.7	80.7	80.7	80
GE	4500	71.0	75.0	78.0	79.9	33.7	30.9	81.1	31.1	31.1	31.1	91.1	81.1	41
GE	4000	72.2	76.3	79.2	81.2	82.1	42.2	82.4	82.4	32.4	82.4	82.4	82.4	92
GE	3500	73.4	77.7	30.7	82.9	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.0	년 4
GE	3000	76.5	81.2	94.2	86.2	87.3	37.5	37.7	37.P	87.B	87.8	87.8	87.8	37
GE	2500	78.4	83.2	36.2	88.2	89.4	89.3	90.1	90.2	90.2	90.2	90. <i>2</i>	90.2	90
GE	2000	80.1	85.1	38.5	90.6	91.9	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92
65	1800	80.5	85.5	38.8	90.9	92.3	92.6	92.7	93.1	73.1	93.T	93.1	93.1	93
GE	1500	91.4	86.4	39.8	91.9	93.2	93.5	93.9	94.1	94.1	94.1	94.1	94.1	74
GE	1200	82.4	37.6	91.0	93.2	94.6	95.0	95.3	95.5	95.5	95.5	95.5	95.5	95
GE	1000	82.7	38.4	91.9	94.2	95.9	96.2	97.0	97.2	97.2	97.2	97.2	-	97
GE	900	92.8	38.6	92.3	94.5	96.3	96.7	07.4	97.6	97.6	97.5	97.5		97
GE	800	82.8	38.6	92.3	94.7	95.4	96.7	97.6	97.8	97.3	97.8	97.9		97
GE	700	83.0	88.9	92.8	95.3	97.1	97.4	98.4	98.6	98.6	99.6	98.5		98
GE	600	93.0	89.0	93.0	95.4	97.3	97.7	98.8	99.0	99.0	99.0	99.0	99.0	39
C.E.	EAA	02 0	89.0	93.0	95.4	97.3	97.7	98.8	99.0	99.0	99.0	39.0	99.0	99
GE GE	500 400	83.0 83.1	89.1	93.1	95.5	97•5	98.0	99.1	99.4	99.4	39.4	99.4		9.9
				93.1	95.5	97.5	98.0	99.2		99.5		99.6		99
GE	300	83.I	89.1 99.1	93.1	95.6	97.5	98.0	99.3	99.6	99.6	99.7	99.8		99
GE	200 100	83.1 83.1	89.I	93.1	95.6	97.5	98.0	99.3	99.6	99.6	99.7	99.8		100
UE	100	03+L	97.4	7.7.4	7.7.0	7149	7000	7703	,,,0	,,,,,	,,,,,	7760	,,,,,	100
GE	000	83.1	89.1	93.1	95.6	97.5	98.0	99.3	99.6	99.6	99.7	99.8	99.8	100
• • •			• • • • • • •	• • • • • •		• • • • • •		• • • • •					• • • • • • •	• • • •

PERCENTAGE	FREQUENCY O	FOC	CURRENCE	OF	CEILING	VERSUS	VISIBILITY
	ICH MCPR	URLY	OBSERVAT	101	45		

	=	· 	JUL 88		HOURS:		PERIOD MONTH:			00 HI	K FLD AN	: + 6
	•••••	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	•••••	MILES	STATUTE	TY IN	VISIBILI	
	GE -	GE -	GE	SE	GE -	GE	GE	GE	GE	GE	GF	GE
	Ö	1/4	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2	2 1/2	. 3
	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • • •	
	54.6	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.4
	64.0	64.0	64.0	54.0	64.0	64.0	54.0	64.0	64.0	64.0	54.0	63.9
	64.0	54.0	64.0	64.0	64.0	64.0	64.0	54.0	64.0	64.0	64.0	63.9
	64.0	54.0	64.0	54.0	64.0	64.0	54.0	64.0	64.0	64.0	64.0	63.7
	54.9	64.8	64.9	64.8	64.8	64.3	64.3	64.8	54.8	64.8	54.8	54.5
	67.6	57.5	67.5	67.6	67.6	67.6	67.6	67.6	57.6	67.6	67.5	57.4
				• •	1. 0
	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.3	71.2
	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	71.9	71.8
	75.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	75.0	75.8	75.6
	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.1	77.0
•	7ê.5	78.5	78.5	78.5	73.5	78.5	79.5	78.5	78.5	78.5	79.4	73.2
	85.7	90.7	80.7	80.7	30.7	80.7	80.7	90.7	80.7	90.7	30.5	- 3).3
	81.1	31.1	81.1	81.1	81.1	91.1	31.1	81.1	81.1	81.1	90.9	33.7
	82.4	32.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	42.2	82.1
	94.0	94.0	84.0	84.0	84.0	84.0	84.0	94.0	84.0	84.0	33.8	43.6
	37.8	87.7	87.3	37.8	87.8	87.9	87.8	87.B	37.8	97.7	37.5	o7.3
	21.5	31.4	0 6 9 7	91.5	31.5	01.0	97.0	37477	77.0		3147	91.5
	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.1	89.3	37.4
	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.5	92.3	71.9
	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	92.9	92.6	92.3
	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	93.9	93.5	93.2
	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.3	25.0	94.5
				07.5						07.0	24.3	75.9
	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.0	96.2	
	97.5	97.6	97.5	97.6	97.6	97.5	97.5	97.6	97.6	97.4	96.7	95.3
		97.8	97.3	97.5	97.8	97.8	97.8	97.3	97.8	97.6	96.7	75.4
	98.5	98.5	98.6	98.6	93.6	98.6	99.6	98.6	98.6	98.4	37.4	27.1
	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	98.8	97.7	97.3
	99.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	98.B	97.7	97.3
	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.1	98.0	97.5
		-	99.5	99.5		99.6	99.6	99.5	99.5	99.2	98.0	97.5
	99.9	99.9	99.3	99.8	99.8	99.8	99.7	99.6	99.5	99.3	98.0	97.5
· ·		100.0		100.0	99.8	99.3	99.7	99.6	99.6	99.3	95.0	97.5
	100.0	TOOPO	100.0	100.0	77.0	7703	77 • í	7700	,,,,	, , • J	, J • U	
	100.5	100.0	100.0	100.0	99.8	29.8	99.7	99.6	99.6	99.3	98.0	97.5

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI'

								_						
			726435	LST	TO UTC	: + 6	K FLD AN				HONTH:	JUL	DRD: A	12-14
	LING	• • • • • •	• • • • • • • •	, • • • • • • •					STATUTE		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
	N	GE	GE	GE	GE	GE '	GE	GE	GE	GE	GE	GE	GE	GΕ
_	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/8	1/2
• • •					• • • • • •	• • • • • •	• • • • • • • •				• • • • • • •			
-								V • =		• • •		• • • • • •	• • • • •	
ND	CEIL	48.6	49.7	50.9	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE	20000	60.3	62.0	53.4	64.3	64.2	64.2	54.2	64.2	54.2	54.2	64.2	64.2	64.2
	18000	60.3	62.0	63.4	64.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	54.2
GE	16000	50.5	52.2	63.7	54.2	64.5	64.5	64.5	54.5	64.5	64.5	54.5	64.5	64.5
GE	14000	61.3	62.9	64.6	65.1	65.4	65.4	65.4	65.4	55.4	65.4	65.4	65.4	65.4
GE	12000	63.4	65.3	67.0	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE	10000	67.0	69.1	70.9	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
SΕ	9000	67.5	69.5	71.3	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE	8000	71.0	73.3	75.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.5	76.5	76.6
GE	7000	71.7	74.0	75.9	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GΞ	6000	72.6	74.9	77.1	78.1	78.5	78.5	73.5	78.5	78.5	79.5	78.5	79.5	73.5
														•
GE	5000	73.9	76.3	73.6	79.7	80.1	80.2	83.2	30.2	90.2	30.2	80.2	80.2	80.2
GE	4500	75.0	77.5	79.3	30.7	81.3	81.4	81.4	31.4	31.4	91.4	81.4	31.4	31.4
GE	4000	77.0	79.8	32.3	83.3	33.8	83.9	83.9	83.9	33.9	83.9	63.9	33.9	83.9
GF	3500	78.6	81.7	84.2	85.3	85.8	35.9	85.9	85.9	95.9	85.9	85.9	85.9	95.9
GĘ	3000	83.2	86.5	89.1	90.4	91.2	91.4	91.4	91.4	91.4	91 • 4	91.4	91.4	91.4
GE	2500	36.0	89.4	92.0	93.5	94.3	94.6	94.6	94.6	34.6	34.5	94.6	94.5	94.5
GE	2000	87.3	90.6	93.4	94.9	95.9	94.0	94.0	95.2	96.2	96.2	96.2	96.2	96.2
GE	1300	87.3	90.7	93.5	94.9	95.0	96.2	96.3	95.3	96.3	96.3	96.3	96.3	95.3
GE	1500	88.0	91.3	94.2	95.7	97.2	97.6	97.6	97.6	97.6	97.5	97.6	97.6	97.6
GE	1200	88.2	91.8	94.8	95.7	97.8	98.3	98.3	99.3	94.9	98.3	98.3	98.3	98.3
G.C.	1200	00.5	7400	7710	7'2 ♥ C .	7110	7009	70.0	7347	1000	7047	7 00 3	7003	75.0
GE	1000	88.5	92.2	95.2	96.9	93.4	93.9	99.0	99.0	99.0	79.0	99.0	99.0	99.3
GE	900	88.6	92.2	95.2	96.9	93.5	99.0	93.0	99.0	39.0	99.0	99.0	99.0	99.0
ĞE	800	88.5	92.2	95.2	96.9	93.6	99.0	99.1	99.1	99.1	99.1	99.1	99.I	99.1
GE	700	88.6	92.2	95.2	96.9	93.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	600	98.7	92.3	95.3	97.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
c =	500	00.7	00.1	05.3		02.0	00 /	0.) 5	22.4		00.7	00.3	20.3	
SE	500	88.7	92.3	95.3	97.0	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7
GE	400	88.7	92.3	95.3	97.0	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7
SE	300	88.7	92.4	95.4	97.1	99.0	99.5	99.6	99.7	99.7	99.8	99.3	99.8	99.8
GE	200	88.7	92.4	95.4	97.1	99.0	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GË	100	88.7	92.4	95.4	97.1	99.0	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9
SE	000	88.7	92.4	95.4	97.1	99.0	99.5	99.5	99.7	99.7	39.8	99.9	99.9	99.9
• • •		• • • • • •	*****	,					•••••		• • • • • •	• • • • • •	• • • • • •	

يروانها والمتعارف المنافع والمتعارف والمنافع والمتعارف و

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •		STATUTE	TV TN		******
GE O	GE 1/4	GE 3/8	GE 1/2	GE 5/8	GE 3/4	GE 1	GE	GE 1 1/2	GE	GE 2 1/2	3.
 	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
64.2	54.2	64.2	64.2	54.2	64.2	54.2	54.2	64.2	64.2	64.2	64.2
64.2	64.2	54.2	54.2	64.2	64.2	64.2	64.2	54.2	64.2	64.2	54.2
 64.5	64.5	64.5	64.5	64.5	54.5	64.5	64.5	54.5	64.5	54.5	54.5
65.4	65.4	65.4	65.4	65.4	65.4	65.4	55.4	65.4	65.4	65.4	55.4
67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	57.9
71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
72.3	72.3	72.3	72.3	72.3	72.3	72.3	12.3	72.3	72.3	72.3	72.3
 76.5	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.0	76.6	75.6
77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
78.5	79.5	78.5	78.5	79.5	78.5	78.5	78.5	78.5	73.5	78.5	74.5
80.2	80.2	80.2	80.2	30.2	90.2	30.2	90.2	30.2	83.2	80.2	37.1
81.4	81.4	81.4	81.4	31.4	81.4	81.4	31.4	31.4	81.4	91.4	81.3
 83.9	33.9	63.9	83.9	33.9	83.9	B3.9	33.9	3 3.9	83.9	33.9	33.8
85.9	85.9	85.9	85.9	95.9	85.9	85.9	85.9	85.9	85.9	35.9	35.8
91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.2
94.6	94.6	94.6	94.6	94.6	94.6	34.5	34.6	94.6	94.6	94.6	94.3
 96.2	96.2	96.2	96.2	96.2	96.2	96 • 2	96.2	75.2	90.2	95.2	95.9
 96.3	96.3	76.3	95.3	96.3	96.3	96.3	96.3	95.3	96.3	96.2	95.0
97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	₹7.2°
98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	99.3	98.3	98.3	97.8
99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	98.9	93.4
 99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	94.5
99.1	99.1	99.1	99.1		99.1	99.1	99.1	99.1	99.1	99.0	93.6
99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.0	93.6
99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.4	99.0
	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.6	99.5	99.4	97.0
	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.6	94.5	99.4	99.0
	99.8			99.8	99.3		99.7	99.7	99.6	99.5	99.0
 99.8	99.8	99.9	99.8	99.8	99.8	99.8	99.7	99.7	99.6	79.5	93.0
 100.0	100.0	99.9	99.9	99.9	99.9	99.8	99.7	99.7	99.6	99.5	99.0
 100.5	100.0	99.9	99.9	99.9	99.9	99.8	99.7	99.7	99.5	99.5	97.0

DPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS FROM HOURLY OBSERVATIONS

STAT	ION N	IUMBER:	726436	LST	וס שוכי	: + 6					PERIOD HONTH:	JUL	HOURS:
CEIL	ING	•••••	• • • • • • •			,	visibili				• • • • • • •	• • • • • •	• • • • • • •
IN		GE	GE	GF	GE	GE	GE	GE	GE	GE	GF	GE	GE
FFE	T	7	6	5		3			1 1/2			3/4	5/9
••••	• • • • •	•••••		•••••			• • • • • • •	••••	• • • • • • •	• • • • • •	• • • • • •		• • • • • •
NO C	EIL	54.7	56.2	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 2	20000	56.0	68.0	69.1	69.6	69.6	69.3	69.8	67.8	59 . 8	69.8	69.8	69.8
GF 1	3000	66.0	68.0	69.1	59.6	69.6	69.3	69.8	69.8	59.9	69.8	69.8	69.8
GF 1	6000	66.1	68.2	59.2	69.8	69.8	69.9	69.9	67.9	69.9	69.9	69.9	69.9
GE 1	4000	66.6	68.9	70.1	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9
G€ 1	2000	69.1	71.6	72.7	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1	0000	72.6	75.2	76.5	77.4	77.4	77.6	77.6	77.6	77.5	77.5	77.6	77.6
GE	9000	73.3	76.0	77.3	73.2	78.2	78.3	78.3	78.3	78.3	73.3	78.3	79.3
GE	3000	75.3	78.7	30.5	81.4	81.5	82.0	82.0	82.0	32.0	32.0	82.0	82.0
GE	7000	76.4	79.3	91.1	32.0	82.4	82.6	82.6	82.6	82.6	82.6	82.5	92.0
GE	6000	77.7	30.8	32.€	63.7	84.3	84.6	84.5	84.6	84.5	84.5	84.6	94.5
GE	5000	78.7	81.8	33.9	34.3	95.5	35.8	85.8	85.à	35.8	85.8	85.8	85.8
GE	4500	79.2	32.3	34.3	85.2	85.9	86.2	86.2	86.2	36.2	36.2	96.2	86.2
	4000	81.7	84.9	97.2	98 .3	89.0	89.3	89.4	99.4	89.4	39.4	69.4	89.4
GE	3500	83.3	86.7	89.1	90.2	90.9	91.2	91.3	41.5	91.5	91.5	91.5	91.5
GE	3000	85.2	39.1	91.B	93.1	93.3	24.1	94.4	94.6	94.6	94.6	94.6	74.5
	2500	86.5	90.5	93.4	94.7	95.6	95.9	96.2	96.3	96.3	96.3	96.3	
	2000	87.1	91.3	94.4	95.7	95.8	97.2	97.5	97.7	3 7.7	97.7	97.7	
	1900	87.2	91.5	94.6	95.9	96.9	97.4	97.7	97.8	97.8	97.P	97. 8	97.8
	1500	87.4	91.6	95.0	96.3	97.5	97.9	98.2	98.4	98.4	98.5	98.5	
GE	1200	87.4	91.5	95.0	96.3	97.5	97.9	98.2	98.4	98.4	98.5	98.5	93.5
SE	1000	87.4	91.6	35.2	96.5	97.7	98.1	98.4	98.5	98.5	98.7	99.7	98.7
GE	900	87.4	91.9	95.5	96.3	97.9	98.4	99.7	98.8	98.5	99.0	99.0	99.0
GE	800	87.4	92.2	95.7	97.1	93.2	98.7	99.0	99.1	99.1	79.3	99.3	99.3
GE	700	87.4	92.2	95.7	97.1	93.2	98.7	99.0	99.1	99.1	99.3	99.3	
GE	600	87.4	92.2	95.7	97.1	93.4	98•8	99.1	99.3	99.3	99.5	99.6	99.6
GE	500	87.4	92.2	95.7	97.1	98.4	98.8	99.1	99.4	99.4	99.7	99.7	
GE	400	87.4	92.2	95.7	97.1	98.4	98•3	99.1	99.4	99.4	99.7	99.7	
GE.	303	87.4	92.2	95.7	97.1	93.4	98.3	99.I	99.4	99.4	99.7		
GE	200	87.4	92.2	95.7	97.1	38.4	98.8	99.1	99.4	99.4	99.7	99.7	_
GE	100	87.4	92.2	95.7	97.1	98.4	98.8	99.1	99.4	99.4	99.7	99.7	99.7
GF	000	87.4	92.2	95.7	97.1	93.4	98.8	99.1	99.4	99.4	99.7	99.7	99.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

M.F. :		K FLD AN	GB W[PERIOD MONTH:		JRO: AI HOURS:	UG 73 - 15-17	JUL 88			
• • •	• • • •	visibili		······································	• • • • • •	,			• • • • • •	• • • • • •	•••••	• • • • • •	
}	GE.	GE	GE	SE	GE	GE	GE	GÉ	GÉ	GE	ĞE	ĞĒ	
<u> </u>	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	Õ	
		: <u>- : - :</u> .				• • • • • •						· · · · · · ·	
5	7.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	
6	9.6	69.8	69.8	69.8	59.8	69.8	69.8	69.8	69.8	69.8	59.8	69.8	
	9.6	69.3	69.8	69.8	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	
	7.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
7	0.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	
	3.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.5	73.5	73.6	
		• •				,,,,,							
7	7.4	77.6	77.6	77.6	77.6	77.5	77.6	77.6	77.6	77.5	77.6	77.6	•
	3.2	78.3	78.3	78.3	78.3	73.3	78.3	79.3	78.3	78.3	78.3	78.3	
	1.5	82.0	82.0	82.0	32.0	82.0	82.0	82.0	82.0	82.0	82.0	92.0	
	2.4	82.6	82.6	82.6	82.6	82.6	82.6	92.6	82.6	82.6	32.6	82.6	
_ 4	4.3	84.6	84.5	84.6	84.5	84.6	84.6	94.6	84.6	84.6	94.6	84.6	
	. • •	0.00		, , , ,									
4	5.5	95.8	85.8	95.a	35.8	95.8	85.8	85.8	85.P	35.3	35.8	95.9	
	5.9	86.2	86.2	86.2	36.2	96.2	96.2	86.2	86.2	96.2	R5.2	86.2	
	9.0	89.3	89.4	89.4	89.4	39.4	89.4	89.4	89.4	89.4	69.4	89.4	
	0.9	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
	3.3	24.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
,	•			, , , ,	, . .		, , ,	,		, , ,		,	
9	5.6	95.9	96.2	95.3	96.3	96.3	96.3	96.3	96.3	76.3	96.3	96.3	
	5.5	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
	5.9	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.3	97.3	97.8	97.3	
	7.5	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
	7.5	97.9	98.2	98.4	98.4	98.5	98.5	93.5	98.5	98.5	98.5	98.5	
·	. • >	,,,,	, 5	,0,	, , , ,	/00/	<i>y</i> • <i>y</i>	,,,,,	<i>,</i> , ,	7.54.5	,,,,,	Α.,	
9	7.7	98.1	78.4	98.5	98.5	98.7	98.7	98.7	98.3	98.3	99.0	99.0	
	7.9	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.3	99.3	
	3.2	98.7	99.0	99.1		99.3	99.3	99.3	99.4		99.6		
	3.2	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.6	99.6	
	3.4	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.7		99.0		· · · · · - · · · ·
						• •					•		
7	3.4	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0	
	3.4	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.9	99.9		100.0	
	3.4	98.8	97.1		99.4	99.7	99.7		99.9		100.0		
า	3.4	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.9	99.9		100.0	
	A.4	98.8	99.I	99.4	99.4	99.7	99.7	99.7	99.9		100.5		
			-			•							
9	3.4	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0	
					-		- '						

GPERATING LOCATION WAW USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBLE FROM HOURLY OBSERVATIONS

STA	ו אפודו	NUMBER:	726436		AN NEIT		FLD AN	ICB WI					DRĎ: AU Urs: Ali	
	ILING	• • • • • •	•••••		• • • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • • • •	••••
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	űΕ	GE	G+
	EFT	7	6	5			2 1/2		_	1 1/4			5/9	172
• • •	• • • • •	• • • • • •	• • • • • • •		•••••	• • • • • • •	• • • • • • •		• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	••••
NΩ	CEIL	49.5	51.3	53.0	53.8	54.0	54.2	54.3	54.3	54 2	5 4 3	5.4. A	54.4	5.6
NO	CEIL	47.5	21+2	73.0	72.7	54.U	7406	74.3	74.7	54.3	54.3	54.4	54.4	54.
GE	20000	58.5	61.0	63.0	54.3	64.3	64.4	54.5	54.6	54.5	54.5	64.7	64.7	64.
GE	18000	58.5	51.0	63.0	64.0	54.3	64.4	64.5	64.6	64.6	64.6	64.7	54.7	64.
GE	16000	58.5	61.1	53.1	54.1	64.4	64.5	64.6	54.7	54.7	54.7	64.8	64.9	54.
GE	14000	59.3	51.9	64.0	65.0	65.3	65.4	65.6	65.6	65.6	65.7	65.8	65.8	55.
GE	12000	61.6	64.4	66.6	67.3	68.1	68.3	58.4	68.5	68.5	68.5	68.6	68.6	68.
G.E	10000	65.1	68.3	70.7	71.9	72.3	72.5	72.5	72.7	72.7	72.7	72.8	72.8	72.
GE	9000		68.8	71.2	72.5	72.9	73.0	73.1	73.2	73.2	73.3	73.4	73.4	73.
GE	8000		72.5	75.1	76.5	77.0	77.2	77.3	77.4	77.4	77.5	77.6	77.6	77.
GE	7000	69.8	73.2	75.9	77.3	77.9	78.0	79.2	78.3	78.3	78.3	73.5	78.5	79.
GE	6000	70.9	74.5	77.4	78.0	79.3	79.5	79.7	79.8	79.8	79.9	79.9	79.9	80.
0.	9000	101,	170.	1100	# + + = + 2	1743	1 / 6 /		1 7 4 G	F 7 W C	• • •	* * * *	1747	V. •
GE	5000	72.2	75.8	79.9	80.4	81.0	81.3	81.5	51.6	31.5	91.7	81.4	81.9	81.
GE	4500	72.9	76.6	79.7	91.2	81.9	52.1	92.3	32.4	92.4	92.5	82.6	82.6	82.
ĞĒ	4000		78.4	81.5	93.2	33.9	84.1	34.3	94.4	34.4	34.5	84.6	84.6	24.
GE	3500		30.0	83.2	84.9	85.6	35.A	86.0	86.2	56.2	86.2	96.3	96.3	96.
GE	3000	78.8	53.2	86.6	85.4	89.2	89.5	89.8	90.0	90.0	90.0	90.1	90.1	90.
GE	2500	80.6	85•1	93.6	90.4	91.4	91.3	92.0	92.3	92.3	92.3	92.4	92.4	92.
GE	2000		86.4	90.1	92.9	93.1	93.5	93.3	94.0	94.0	94.1	94.2	94.2	94.
GE	1800		86.6	90.1	72.1	93.3	93.7	94.0	94.2	94.2	94.2	94.2	94.4	94
GE	1500		87.2	91.0	92.9	94.2	94.6	95.0	45.2	95.2	95.3	95.4	95.4	
GE	1200		87.2 3 7. 9	91.0	93.7	95.0	95.5	95.9	95•2 96•1	96.1	96.2	96.3	96.3	95. 95.
UL	1200	53.∪	5107	71.0	7301	77.0	7747	7767	70 • 1	********	70 . 6	70.0	70.3	7774
GE	1000		38.4	92.4	94.4	95.9	96.4	97.0	97.2	97.2	97.4	97.5	97.5	97.
G =	900		38.5	92.7	94.7	96.2	96.7	97.3	97.5	97.5	97.7	97.8	97.0	97.
GË	800	83.5	38.7	92.8	94.9	96.5	97.0	97.6	97.9	97.9	99.0	98.1	98.1	93.
GE	700	83.6	88.9	93.1	95.2	76.9	97.4	98.0	78.3	98.3	98.4	98.5	98.5	96.
ĢE	600	83.7	38.9	93.2	95.3	97.1	97.6	98.3	98.6	98.6	98.8	98.9	98.9	99,
GE	500	83.7	89.0	93.3	95.4	97.1	97.7	98.4	98.B	98.9	99.0	99.1	99.1	99,
GE	400		89.0	93.3	95.5	97.3	97.8	98.6	99.0	99.1	39.2	99.3	99.3	93
GE	300		89.0	93.3	95.5	97.3	97.9	98.7	99.1	99.2	99.4	99.6	99.6	99.
GE	200		39.0	93.3	95.5	97.3	97.9	98.7	99.1	99.2	99.4	99.7	99.7	49
ĞĒ	100	83.7	89.0	93.3	95.5	97.3	97.9	98.7	99.1	99.2	99.4	99.7	99.7	99
-				,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , ,				-				,
GE	000	83.7	89.0	93.3	95.5	97.3	97.9	93.7	99.1	99.2	39.4	99.7	99.7	99.
			•.••	• • • • • •	•••••	• • • • • • •	• • • • • • • • •	• • • • • •	••••••	·		• • • • • •	• • • • • • •	• • • •

TOTAL NUMBER OF DESERVATIONS 3704

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

••••		TY IN	STATUTE	MILES		• • • • • •				•••••		
35	GE	GE	GE	GE	GE	ĜΕ	GE	GE	GE	GE	GE	
3	2 1/2	2	1 1/2	1 1/4	1	3/4			3/8	1/4	0	
••••	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
54.0	54.2	54.3	54.3	54.3	54.3	54.4	54.4	54.5	54.5	54.5	54.5	
											, , ,	
54.3	64.4	54.5	64.6	54.6	54.5	64.7	64.7	64.3	64.8	64.3	64.5	
54.3	64.4	64.5	64.6	64.6	64.6	64.7	54.7	64.3	64.8	64.8	64.3	
54.4	64.5	64.6	54.7	54.7	64.7	64.8	64.8	64.9	54.9	64.9		
65.3	65.4	65.6	55.6	65.6	65.7	65.8	65.8	65.8	65.B	65.3	-	
48 • I	68.3	58.4	68.5	68.5	68.5	68.6	68.6	68.7	68.7	6A.7	66.7	
72.3	72.5	72.5	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	
72.9	73.0	73.1	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	
77.3	77.2	77.3	77.4	77.4	77.5	77.6	77.6	77.5	77.6			
77.9		73.2	78.3	78.3		74.5	78.5	78.5	78.5	78.5	78.5	
79.3	79.5	79.7	79. 8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	
81.0	91.3	81.5	31.6	31.5	91.7	81.9	81.8	81.3	81.8	81.3	81.3	
31.9	32.1	92.3	92.4	32.4	82.5	82.6	82.6	82.6	82.5	82.6	82.6	
33.9	94.1	84.3	94.4	34.4	34.5	84.6	34.6	84.7	84.7	94.7	84.7	
85.5	35.A	86.0	86.2	56.2	86.2	86.3	96.3	96.4	86.4	26.4	86.4	
30.5	89.5	89.8	30.3	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.5	
91.4	91.3	92.0	92.3	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	
33.1	93.5	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	
93.3	93.7	94.0	94.2	94.2	94.2	04.4	94.4	94.4	94.4	94.4	94.4	
94.2	94.6	95.0	95.2	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	
95.0	95.5	95.9	96.1	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	
95.9	96.4	97.0	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.5	
95.2	96.7	97.3	97.5	97.5	97.7	97.8	97.8	97.9	97.9	97.9	97. +	
96.5	97.0	91.6	97.9	97.9	93.0	98.1	98.1	93.2	98.2	98.2	94.2	
96.9	97.4	98.0	98.3	98.3	98.4	98.5	98.5	98.6	98.5			
97.1	97.6	98.3	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	
97.1	97.7	95.4	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	
97.3	97.8	98.6	99.0	99.1	99.2	99.3	99.3	97.5	99.5	99.5		
97.3	97.9		99.I		99.4	79.6	99.6	99.7		99.8		
97.3	97.9	98.7	99.1	99.2	99.4	99.7	99.7	99.B	99.A		99.9	
97.3	97.9	98.7	99.1	99.2	99.4	99.7				100.0		
07.3	AT A	00 -	88.4	00.3	00 1	00 7	00 =	00.0	66.6		***	
97.3	97.9	98.7	99.1	99.2	99.4	99.7	99.7	99.9	99.9	100.0	100.0	

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

OSAFETACY ASSECTED						
STATION NUMBER: 7264	36 STATION NA LST TO UTC	ME: VOLK FLD A	NGB WI	PERTOD MONTH:	OF RECORD: A AUG HOURS:	
CEILING		VISIBIL	ITY IN STATUTE	MILES		
IN GE GE			GE GÉ	GE ĞE	GE GE	GE
FEET 7	5 5 4	3 2 1/2	2 1 1/2	1 1/4 1	3/4 5/8	1/2 3
				• • • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • •
		46.3.46.0	77 7 13 5	13 E 13 4	47.7 47.7	47.9 4
NO CEIL 36.9 38	.7 42.3 44.2	45.7 45.9	46.6 47.1	47.5 47.6	41.1 41.1	4/67 4
SE 20000 41.5 43	9 47.9 50.5	52.3 52.7	53.3 53.8	54.2 54.3	54.6 54.6	54.7 5
GE 18000 41.5 43	=	52.3 52.7	53.3 53.8	54.2 54.3	54.6 54.6	54.7 5
GE 16000 41.5 43		52.3 52.7	53.3 53.5	54.2 54.3	54.6 54.6	54.7 5
GE 14000 41.9 44		52.9 53.3	53.9 54.5	54.9 55.0	55.2 55.2	55.5 5
GE 12000 43.2 45		55.5 55.9	56.7 57.2	57.6 57.7	58.0 58.0	58.2 5
					(3.3. (3.3.	62.5 5
GE 10000 45.8 49		59.5 59.9	60.7 51.2	61.6 62.0	62.2 62.2	
GE 9000 45.1 49		60.0 60.4	61.2 51.7	62.1 62.5	62.7 62.7	63.1 5 67.0 6
GE 9000 48.9 52		63.6 64.2	64.9 65.5	65.8 66.2	66.5 66.5	
GE 7000 49.7 53		65.2 65.7	65.5 67.0	67.4 67.8	65.0 68.0	68.6 6
GE 6000 50.6 54	.2 60.0 64.0	67.1 67.7	68.4 59.0	69.3 69.7	70.0 70.0	70.5 7
GE 5000 51.7 55	.5 51.4 65.5	69.9 69.3	70.1 70.6	71.0 71.4	71.7 71.7	72.2 7
3E 4500 52.5 56		70.0 70.5	71.9 72.4	72.8 73.2	73.5 73.5	74.0 7
GE 4000 54.1 58		72.2 73.1	74.5 75.2	75.5 76.1	76.3 76.3	76.8 7
GE 3500 54.9 59		73.2 74.1	75.5 76.2	76.6 77.1	77.4 77.4	77.9 7
GE 3000 55.3 50		75.0 75.9	77.4 78.1	78.5 79.0	79.4 79.4	79.9
GE 2500 56.8 61		75.1 77.1	73.5 79.3	79.7 00.2	80.6 80.6	81.1
GE 2000 57.3 63	.5 70.5 75.3	78.7 79.3	81.4 52.1	82.5 53.1	83.6 83.6	84.1
GF 1800 59.0 63	.9 70.9 75.3	79.2 80.3	31.9 32.7	33.1 83.5	84.1 84.1	P4.5
GE 1500 58.5 54	.4 71.5 76.6	30.1 R1.5	83.1 83.8	84.2 84.9	85.4 85.4	85.9 H
GE 1200 59.5 65	.6 72.8 78.1	92.0 83.4	35.1 36.2	86.5 87.2	87.8 87.8	89.4 8
GE 1000 60.4 56	.5 74.0 79.3	83.6 85.0	97.1 98.1	88.5 89.1	89.8 89.9	90.3 9
GE 900 50.5 56	• •	84.1 85.5	37.0 30.9	99.3 89.9	90.6 90.6	91.1 9
SE 300 60.9 67	· ·	84.9 86.4	93.5 99.9	90.3 90.9	91.6 91.6	92.1 9
GE 700 61.1 67		85.3 86.8	88.9 90.6	90.9 91.6	92.2 92.2	92.8 9
GE 500 61.2 67		95.9 97.5	89.9 91.7	92.1 92.9	93.5 93.5	94.0 9
GE 900 0112 01	., 120, 610,	.,,,,				
GE 500 61.2 67		87.1 88.6	91.1 93.9	94.3 95.2	96.1 96.1	96.5
65 400 61.3 67		87.2 88.7	91.2 94.3	94.7 95.6	96.8 96.8	97.3 9
GE 300 61.3 67		87.5 89.0	91.5 94.7	95.3 95.2	97.7 97.7	
GE 200 61.3 67		97.7 R9.3	91.7 95.0	95.6 96.5	98.3 98.3	99.0 9
GE 100 61.3 67	.7 75.9 81.9	97.7 89.3	91.7 95.0	95.6 96.5	98.4 98.4	99.1 9
GE 000 61.3 67	.7 75.9 81.9	87.7 89.3	91.7 25.0	95.6 96.5	98.4 98.4	99.1 9
••••••	• • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •		•••••	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

Ç:	+ 6	C FLD AN				MONTH:	AUG I	HOURS: (06-03	JUL 88			
• •	• • • • • •	1101011	NI VT	STATUTE		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • •	
		GE	GE	GE	GÉ	GE	GE	ĠĔ	GE	GE	GE	GE	
	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4)	
		.					• • • • • •	• • • • • •	• • • • • •		• • • • • •	•••••	
•	45.7	45.9	46.6	47.1	47.5	47.6	47.7	47.7	47.9	48.0	48.1	48.1	
	63.3	E 3 2	E 2 2	E 3 0	64.3	54.3	54.6	54.6	54.7	54.7	55.0	55.0	
١	52.3 52.3	52.7 52.7	53.3 53.3	53.8 53.8	54.2 54.2	54.3 54.3	54.6	54.6	54.7	54.9	55.0	55.0	
,		52.7	53.3	53.5	54.2	54.3	54.6	54.6	54.7	54.9		55.0	
,	52.9	53.3	53.9	54.5	54.9	55.0	55.2	55.2	55.5	55.6	55.4		
	55.5	55.9	56.7	57.2	57.6	57.7	58.0	58.0	58.2	58.3	58.5	58.5	
	,,,,	7 7 4	3041	1102	37.0) (•	75.0	2040	3002	23.5	7347	<i>3</i> € .	
•	59.5	59.3	60.7	51.2	61.6	62.0	62.2	62.2	62.5	62.7	62.9	62.9	
•	50.0	50.4	61.2	51.7	62.1	52.5	62.7	62.7	53.1	63.3	53.4	63.4	
	63.6	64.2	64.9	65.5	65.8	66.2	66.5	66.5	67.0	67.1			
	55.2		65.5	67.0	67.4	67.9	65.0	68.0	59.6	68.7	68.8	68.8	
_	67.1	67.7	68.4	69.0	69.3	69.7	72.0	70.0	70.5	70.6	70.8		
		4.4		2000		- / • •							
``	53.8	69.3	70.1	70.6	71.0	71.4	71.7	71.7	72.2	72.3	72.4	72.4	
٠.	70.0	70.5	71.9	72.4	72.8	73.2	73.5	73.5	74.0	74.1	74.3	74.3	
)	72.2	73.1	74.5	75.2	75.5	76.1	76.3	76.3	76.8	77.0	77.1	77.1	
	73.2	74.1	75.5	76.2	76.6	77.1	77.4	77.4	77.9	78.0	78.1	78.1	
7	75.0	75.9	77.4	76.1	78.5	79.0	79.4	79.4	79.9	40.1	30.2	80.2	
7	75.1	77.1	73.5	79.3	79.7	°0.2	80.5	80.5	81.1	31.2	81.4	81.4	
3	73.7	79.3	81.4	32.1	82.5	53.1	83.6	83.6	84.1	34.2	H4.3	84.3	
	79.2	29.3	31.9	32.7	33.1	83.5	84.1	84.1	84.6	84.7	34.9	84.9	
,	30.1	81.5	83.1	93.8	34.2	84.9	35.4	85.4	85.9	86.0	86.2	86.2	
l	32.0	93.4	85.1	36.2	86.5	87.2	87.8	e 7. a	89.4	88.5	38.6	86.6	
i	53.5	85.0	97.1	88.1	99.5	39.1	89.8	89.9	90.3	90.4	90.6		
•	34.1	85.5	37.0	30.9	39.3	39.9	90.6	90.6	91.1	91.2	91.3	91.3	
-	84.9	96.4	93.5	99.9	90.3	90.9	91.6	91.6	92.1			92.4	
	85.3	86.8	88.9	90.6		91.6	92.2	92.2	92.8	92.9	93.0	93.0	
1	95.7	87.5	A9.9	91.7	92.1	92.9	93.5	93.5	94.0	94.7	94.3	94.3	
	07.				0/ 1		07.1	07.1	01.1	5 7 5	n. 0		
,	87.1	88.6	91.1	93.9	94.3	95.2	96.1	96.1	96.5	96.3	95.9		
o e	97.2	98.7	91.2	94.3	94.7	95.6	96.8	96.8	97.3	97.4	97.5	97.7	
	87.5	89.5	91.5	94.7			97.7		98.2			98.7	
7	37.7	89.3	91.7	95.0	95.6	96.5	98.3	98.3	99.0	99.1	99.2	99.5	
)	97.7	89.3	91.7	95.0	95.6	96.5	98.4	98.4	99.1	99.2	99.6	99.9	
,	87.7	89.3	91.7	95.0	95.6	96.5	98.4	98.4	99.1	99.2	99.7	100.0	· =
	• • • • • •			• • • • • • •			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				• • • • • • •	10010	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILIT FROM HOURLY OBSERVATIONS

STATION N	IUMBER:	726436		AF NEIT		K FLD AN	IN EDI			PERIOD MONTH:		ORD: 4	AJG 73 - 09-11	٠,
CEILING	•••••	• • • • • • •	• • • • • •	• • • • • •		VISIBILI				• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• •
IN	GE	GE	GE	GE	GE	GE C	3E	GE	GE	GE	GE	GE	Sï	
FEET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	
	• • • • • •	• • • • • • •	• • • • • •		• • • • • •					• • • • • •		• • • • • •		• (
NO CEIL	42.9	44.5	46.5	47.1	47.7	47.7	47.9	48.0	49.0	48.0	49.0	48.0	48.0	
SE 20000	46.3	51.3	53.7	54.6	55.3	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.5	
GE 18000	48.4	51.4	53.9	54.7	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	
GE 15000	48.9	51.4	53.8	54.7	55.4	55.4	55.5	55.6	55.5	55.5	55.5	55.6	55.5	
GE 14000	49.5	52.1	54.6	55.6	56.4	56.4	56.6	56.6	56.6	56.6	55.6	56.6	56.6	
GE 12000	51.5	54.1	56.9	53.1	53.9	58.9	52.1	59.1	59.1	59.1	59.1	59.1	59.1	
		2						• • •						
GE 10000	55.7	58.6	61.6	52.3	63.7	53.7	63.8	63.9	63.9	63.9	63.9	63.9	53.4	
GE 9000	56.4	59.3	62.3	63.7	64.5	64.5	64.7	64.7	64.7	54.7	64.7	64.7	64.7	
GE 3000	58.9	62.0	55.6	67.2	63.1	65.3	53.4	63.5	58.5	68.5	68.5	68.5	69.5	
GE 7000	59.9	63.2	67.0	68.d	67.3	69.9	70.1	70.2	70.2	70.2	70.2	70.2	79.2	
GE 6000	60.9	64.2	68.2	70.7	71.1	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	
GE 5000	62.3	65.4	69.3	71.3	72.5	72.7	72.5	72.9	72.9	72.9	72.7	72.9	72. 9	
GE 4500	62.5	65.9	59.8	71.9	73.2	73.4	73.5	73.6	73.6	73.5	73.5	73.6	73.5	
GE 4000	63.7	67.3	71.3	73.7	74.9	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	
GE 3500	55.3	68.9	73.0	75.4	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	
GE 3000	67.3	71.0	75.5	73.0	79.4	79.6	79.9	79.3	79.9	79.9	79.9	79.9	79.9	
GF 2500	69.3	73.3	17.9	90.5	31.9	82.3	62 .7	32.8	92.9	82.8	82.8	82.9	92.0	
GE 2000	72.1	76.5	31.7	34.5	85.0	52∙5 56∙5	57 .1	8 7.2	97.2	37.2	87.2	37.2	87.2	
GE 1800	72.5	77.0	32.2	95.0	85.6	87.1	87.7	37.8	87.8	87.8	87.3	87.8	87.2	
GE 1500	73.5	78.1	93.4	85.3	93.1	98.5	37.3	39.4	89.4	89.4	09.4	89.4	90.4	
GE 1200	75.4	30.1	55.5	83.7	90.3	91.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	
00 1200	1 7 6 4	1011	, , ,	19.5	,,,,,	7103	76 6 4	,,,,	12.0	72.67	1.01	7207	72.	
GE 1000	76.0	30.8	46.4	39.9	92.1	92.7	93.9	93.9	13.9	93.9	93.0	93.9	93.0	
GF 900	76.2	81.1	37.0	90.5	93.1	93.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	
SE 800	76.5	31.6	37.7	91.2	93.9	94.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	
GE 700	76.9	82.0	88.1	91.6	94.3	94.9	95.2	76.5	96.5	96.5	95.5	96.5	96.5	
GE 600	76.9	92.1	33.5	92.0	34.7	95.2	76.7	96.9	96.9	96.9	95.9	96.9	95.9	
GE 500	76.9	92.4	33.3	92.3	95.4	96.1	97.9	98.4	98.4	98.5	98.6	98.6	98.5	
GE 400	77.0	82.5	39.1	92.6	95.8	96.5	99.4	99.0	99.0	99.2	99.3	99.4	99.4	
GE 300	77.1	82.5	39.2	92.7	95.0	96.1	98.6	99.2	99.2	79.3	99.7	99.8	99.8	
GE 200	77.1	92.5	39.2	92.7	35.0	96.7	98.6	99.2	99.2	99.4	99.9	100.0	100.0	1
GE 100	77.1	R2.5	99.2	92.7	96.0	96.7	98.6	99.2	99.2	99.4	99.9	100.0	100.0	1
GE 000	77.1	82.5	39.2	92.7	95.0	95.7	22.4	99.2	99.2	99.4	99.9	100.0	100.0	٠,
GE 000	1141	94.7	7706	7601	7744	73.1	98.6	7706	77.6	77.4	77.7	100.0	100.3	1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

			STATUTE		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	
GE	GE	SΕ			GE	GE	GE	GE	GE	GE	GE	
3	2 1/2		1 1/2	1 1/4	. 1 ,	3/4	5/8	1/2	3/8	1/4		
• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	•••••	
47.7	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	46.0	
55.3	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.5	55.6	55.6	
55.4	55.4	55.6	55.6	55.6	55.5	55.6	55.6	55.6	55.6	55.6	55.6	
56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.5	56.5	56.6	
53.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	04.7	64.7	
63.1	68.3	53.4	68.5	68.5	68.5	68.5	68.5	69.5	66.5	63.5	69.5	
67.3	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
71.1	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	-
72.5	72.7	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
73.2	73.4	73.5	73.6	73.6	73.5	73.5	73.6	73.6	73.6	73.6	73.6	
74.9	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
19.4	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
31.9	82.3	82.7	82.8	92.8	82.8	82.8	82.9	92.9	82.6	82.8	82.8	
86.0	36.5	87.1	ខ7.2	97.2	37.2	87.2	87.2	87.2	37.2	87.2	87.2	
85.6	27.1	87.7	37.8	87.B	87.8	87.8	87.8	87.8	87.8	87.5	87.3	
33.1	98.6	89.3	99.4	89.4	89.4	89.4	89.4	89.4	89.4	39.4	89.4	
99.3	91.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	72.5	92.5	
92.1	92.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
93.1	93.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
93.9	94.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.7	
94.3	94.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5		96.5	96.5	
34.7	95.2	76.7	96.9	96.9	96.9	95.9	96.9	96.9	96.9	96.9	96.9	
95.4	96.1	97.9	98.4	98.4	98.5	98.6	98.6	98.6	98.6	93.6	98.6	-
95.8	96.5	98.4	99.0	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	
95.0	96.7	98.6	99.2	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8	
35.0	96.7	98.6	99.2	99.2	99.4	99.9			100.0	100.0	100.0	
95.0	96.7	98.6	99.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	-
				99.2	99.4				100.0			

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OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI-FROM HOURLY OBSERVATIONS

			725435	LST	TO UTC	: + 6					MONTH:	AUG	DRD: ! HOURS:	-
	LING	• • • • • •	•••••	• • • • • •	• • • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • • •	• • • • •
	IN .	GF	GE	6 <i>E</i>	SE	GE	GE	GE	GE		GE	GE	GE	
	15 T	7	6	5	4	3	2 1/2	2			1	3/4	5/8	1
• • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • •
NO	CEIL	44.8	46.9	47.7	48.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	4
GE	20000	55.0	53.2	59.5	59.3	60.1	50.1	50.1	60.1	60.1	50.1	60.1	60.1	5
	18000	55.2	58.4	59.8	50.1	60.4	60.4	60.4	00.4	60.4	50.4	60.4	60.4	6
GF	15000	55.3	58.5	59.3	60.2	60.4	60.4	50.4	60.4	60.4	50.4	60.4	60.4	- 5
	14000	56.0	59.2	60.5	60.9	51.3	51.3	61.3	61.3	61.3	51.3	51.3	61.3	6
GE	12000	57.5	60.8	62.2	62.5	63.0	63.0	63.0	53.0	53.0	63.0	63.0	63.0	6
GE	10000	60.∂	64.7	56.3	60.5	67.1	67.1	67.1	57.1	67.1	57.1	67.1	67.1	
SF	9000	61.4	65.3	56.9	67.2	67.6	57.5	57.5	67.6	67.6	67.6	67.5	67.6	6
GE	9000	65.0	69.1	70.3	71.2	71.7	71.3	71.8	71.8	71.9	71.9	71.8	71.8	7
GE	7000	66.2	70.3	72.3	72.R	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	7
GE	6000	67.3	71.5	73.5	74.1	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	7.
SE	5000	68.0	72.5	74.6	75.3	75.8	75.9	75.0	75.0	76.0	76.0	76.0	76.0	7:
GE	4500	69.2	73.9	76.1	70.7	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	71
GE	4000	69.8	74.H	77.2	78.0	73.5	78.7	7 9.3	7 8.8	78.3	78.8	78.8	78.8	71
GE	3500	71.8	76.7	79.1	90.0	30.5	80.7	80.8	30.8	90.3	80.3	80.8	80.8	9.4
GE	3000	75.2	30.2	B 3.2	34.0	94.5	84.8	34.9	34.9	84.9	84.9	84.9	84.9	∻ د
GĘ	2500	77.9	33.1	36.1	95.9	37.6	37.3	38.0	88.0	6.66	38.0	88.0	88.0	ι.
GE	2000	81.2	86.8	90.4	91.5	92.3	92.5	92.7	92.9	92.9	92.9	92.9	92.9	ϵ
SE	1800	81.5	37.2	20.7	91.8	92.6	92.9	93.0	93.2	93.2	93.2	93.2	93.2	o :
GE	1500	82.0	37.8	91.5	92.5	93.4	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94
GE	1200	82.7	38.7	92.4	93.9	95.0	95.2	95.4	95.6	95.6	95.6	95.6	95.5	٥٠
ÇE	1000	82.3	88.9	92.6	94.1	95.3	95.5	95.7	95.9	95.9	95.9	95.9	95.9	ġ٤
GE	900	83.2	89.3	93.0	74.5	95.9	96.1	96.4	96.6	76.6	96.6	95.6	36.5	94
GE	800	83.4	89.5	93.3	95.0	95.4	96.6	96.9	97.1	97.1	97.1	97.1	97.1	3.
GE	702	83.6	89.8	93.5	95.3	95.9	97.2	37.4	97.7	97.7	97.7	97.7	97.7	91
GE	500	93.6	89.8	93.5	95.5	97.2	97.5	97.9	98.2	98.2	98.2	98.2	99.2	9.8
GE	500	83.6	89.8	93.7	96.0	97.9	98.4	93.7	99.4	99.4	99.4	99.4	99.4	91
٥ŗ	400	83.7	39.9	93.3	76.1	93.1	98.6	99.1	99.7	99.7	39.7	99.7	99.7	C ′
GE	300	83.7	49.9	93.5	96.1	93.1	98.6	99.1	93.7	99.7	77.7	99.8		101
GE	200	83.7	89.9	93.8	96.1	98.1	93.6	99.1	99.7	99.7	99.7	99.8	99.9	100
GE	100	83.7	99.9	93.8	96.1	99.1	98.6	99.1	99.7	99.7	99.7	99.8	99.9	100
SE	000	83.7	89.9	93.9	96.1	93.1	98.5	99.1	99.7	99.7	99.7	99.8	99.9	100
• • •	• • • • •		• • • • • • • •		• • • • • • •			• • • • • •						

TOTAL NUMBER OF JOSERVATIONS 1193

1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

					• • • • • •		MILES	STATUTE	TY IN	VISIBILI	,	
5 F 0	6€ 1/4	ςε 3 / 8	GE 1/2	GE 5/8	GE 3/4	GE 1	GE	GE 1 1/2	GE 2	GE 2 1/2	GE 3	35 4
 											• • • • • •	• • • • •
48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	4ª.7
60.1	60.1	60.1	50.1	60.1	60.1	50.1	60.1	60.1	60.1	50.1	60.1	59.3
60.4	50.4	60.4	60.4	60.4	60.4	50.4	60.4	60.4	53.4	60.4	60.4	50.1
 60.4	60.4	60.4	60.4	60.4	60.4	30.4	60.4	60.4	50.4	50.4	63.4	50.2
61.3	61.3	61.3	61.3	61.3	51.3	61.3	61.3	61.3	61.3	51.3	51.3	50.3
63.0	63.0	63.0	63.0	63.0	63.0	63.0	53.0	63.0	63.0	63.0	63.0	۶ څر
												,
67.1	67.1	67.1	67.1	67.1	67.1	57.1	67.1	67.1	57.1	57.1	67.1	2.5
 67.5	27.6	67.6	67.5	67.6	67.5	67.6	67.6	67.6	67.6	57.5	67.6	7.2
71.3	71.5	71.6	71.3	71.8	71.8	71.9	71.9	71.8	71.8	71.3	71.7	21.2
73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.4	73.3	72.8
74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.6	4.1
76.0	76.0	76.0	76.0	76.0	76.0	76.0	75.0	76.0	76.0	75.9	75.8	5.3
77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.5	77.5	0.7
78.8	78.8	7 8.8	78.8	78.8	78.8	78.8	78.5	7 8.8	73.3	78.7	73.5	H • O
30.9	90.3	80.8	90.E	80.8	90.8	80.8	80.3	30.8	80.8	90.7	30.5	0.0
94.9	94.9	84.9	84.9	84.9	84.9	84.9	84.9	34.9	34.9	34.¤	94.5	4.0
88.0	48 . 0	88.7	86.0	88.0	38.0	38.0	33.0	53.0	38.0	37.3	37.6	5.9
92.9	92.9	92.9	92.9	92.9	92.9	12.9	92.9	92.9	92.7	92.5	92.3	1.5
 793.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.0	92.9	92.6	1.3
94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	93.8	93.6	93.4	2.5
 9× • 6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.4	95.2	95.0	3.4
95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.7	95.5	95.3	4.1
96.5	96.6	96.6	95.6	36.5	96.6	96.6	76.6	96.6	95.4	96.1	95.9	4.5
97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	27.1	95.9	96.5	95.4	5.J
97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	37.4	97.2	95.9	15.3
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	97.8	97.5	97.2	5.5
 99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	93.7	99.4	97.9	6.0
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.1	93.5	93.1	5.1
 100.0	100.0		100.5			79.7	99.7	99.7	99.1	98.6	93.1	6.1
100.0	120.2	100.0	100.0	99.9	99.8	99.7	99.7	99.7	99.1	93.6	98.1	5.1
 100.0	170.0	100.0	100.0	99.9	99.8	99.7	99.7	99.7	99.1	98.6	99.1	6.1
100.0	100.0	100.0	100.0	99.0	99.8	99.7	99.7	99.7	99.1	98.6	93.1	6.1

1193

OPERATING LOCATION "A"
USAFFTAC, ASHEVILLE NO

•

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSU FROM HOURLY OBSERVATIONS

STATION !	NUMBER:		LST	TO UTC	+ 6					PERIOD MONTH:	AUG	HOUR
CEILING	• • • • • •	• • • • • • •	•••••	• • • • • •		visibili				• • • • • • •	• • • • • •	• • • •
IN	G€	GE	GE	GE	S.F	GE	G€	GE	GE	GE	GE	G
FEST	7	5	5	4	3		Ş		1 1/4		3/4	
• • • • • • •				• • • • • •		• • • • • • •					• • • • • •	• • • •
NO CEIL	45.2	47.1	47.5	47.7	43.0	49.0	48.0	48.0	48.0	48.0	48.0	48
SE 20000	53.5	56.1	57.0	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.
GE 18000	54.1	56.5	57.4	57.5	53.0	53.0	59.3	53.0	53.0	58.7	58.0	55.
GE 16000	54.5	57.0	57.8	58.0	53.4	53.4	53.4	58.4	58.4	58.4	58.4	5 <u>4</u> ,
GE 14000	55.1	57.7	58.5	59.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.
GE 12000	57.7	50.3	61.2	61.3	61.7	61.7	51.7	51.7	61.7	61.7	61.7	61
GE 10000	62.5	65.7	57.0	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.
SE 9000	63.0	65.1	57.4	57.5	63.0	68.0	68.0	63.0	68.0	58.0	68.0	63
GE 3000	65.9	70.0	71.6	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.
GE 7000	67.1	71.3	72.9	73.2	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.
GE 6000	69.3	73.8	75.7	75.9	76.4	76.5	76.5	76.7	76.7	76.7	76.7	76
GE 5000	71.0	75.7	77.5	76.0	78.4	78.6	73.6	73.7	79.7	78.7	78.7	78.
GE 4500	72.2	76.3	78.7	79.3	77.7	79.9	79.9	50.0	30.0	80.0	80.0	80
GE 4000	74.9	79.7	31.7	32.3	32.9	33.0	33.0	43.2	43.2	33.2	83.2	83
GE 3500	76.4	51.2	33.2	93.9	94.3	94.5	44.5	94.6	84.5	84.6	34.5	94
GE 3000	30.5	85.4	38.0	33.6	89.1	89.3	39.3	39.4	89.4	89.4	89.4	39
GE 2500	82.0	97.2	39.9	90.4	91.0	91.2	91.3	91.4	31.4	91.4	91.4	91
GE 2000	84.2	39.4	92.3	92.9	93.5	93.8	93.9	94.1	94.1	94.1	94.1	94
GE 1800	84.2	39.6	92.5	93.2	93.9	94.1	94.2	94.3	94.3	94.3	94.3	94
GE 1500	84.2	20.0	93.0	93, 4	94.5	74.5	94.9	95.1	95.1	95.1	95.1	95
GE 1200	84.8	90.7	93.9	94.6	95.5	75.7	96.2	96.4	96.4	95.4	96.4	95
GE 1000	A5.4	91.3	94.5	75.2	95.1	96.2	96.3	97.0	37.0	97.0	97.0	97
GE 900	85.4	91.3	94.5	95.2	95.2	96.4	97.1	97.2	97.2	97.2	97.2	97.
6E 300	85.7	91.6	94.5	95.7	95.7	96.3	97.5	97.5	97.8	98.0	98.0	9 8
GE 700	85.9	91.9	95.2	96.1	97.2	97.4	98.1	98.4	99.4	98.6	93.5	99
GE 600	85.9	91.9	95.2	95.1	97.2	97.5	98.3	98.6	98.5	98.7	99.7	34
GE 500	85.9	91.9	95.2	96.4	97.8	98.1	94.3	99.3	99.3	99.4	99.4	99
GE 400	85.9	91.9	25.2	96.4	93.0	98.3	99.0	97.6	99.6	79.7	99.7	99.
GE 300	95.9	91.9	95.2	76.4	93.0	98.3	99.0	99.7	99.7	99.9	99.9	99.
GE 200		91.9	95.2	95.4	93.0	98.3	99.0	99.7	99.7	99.9	99.9	99
GE 100	85.9	91.9	95.2	95.4	98.0	98.3	99.0	99.7	99.7	99.9	99.9	99.
GE 000	85.9	91.9	95.2	96.4	93.0	93.3	99.0	99.7	99.7	99.9	99.9	99

Mestigli Material of the first of the second of the second

10	146: VOL					MONTH:	AUG	ORD: A	15-17			~	
				STATUTE			• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	
Ţ	SΕ	GE	GE	GE 1 1/2	GE	GE	GE	GE	GE	GE	GE	GF	
ļ	3												
• •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	
,	43.0	49.0	49.0	48.0	48.0	48.0	48.0	48.0	49.0	48.0	48.0	46.3	
h	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5		
!.	53.0	53.0	53.0	53.0	58.0		58.0	58.0		53.0	55.0	54.0	
1	53.4	58.4	53.4	53.4	58.4		58.4	54.4	58.4	58.4	53.4	56.4	
17	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
	51.7	61.7	51.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
į.	57.5	57.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	47 6	47 5	67.5	
1.			-						63.0	67•5	67.5		
	63.0 72.3	68.0 72.3	63.0 72.3	63.0 72.3	68.0 72.3	58.0 72.3	68.0 72.3	68.0 72.3	72.3	68.0 72.3	66.0 72.3	72.3	
1	73.5	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9		
<u> -</u>	75.4	76.5	76.5	76.7	76.7	76.7	76.7	76.7		76.7	76.7		
	10.4	10.5	10.5	10.1	10.1	10.1	1941	10.1	10.1	10.7	10.1	10.1	
1	78.4	78.6	73.6	73.7	79.7	78.7	78.7	78.7	78.7	73.7	75.7	75.7	
3	77.7	79.9	79.9	50.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3	
3	32.9	33.0	33.0	33.2	33.2	33.2	93.2	83.2		63.2	გვ∙∑	33.2	
,	94.3	94.5	34.5	94.6	84.5	84.6	34.6	94.5		84.6	94.5	34.5	
5	99.1	89.3	a9.3	39.4	89.4	89.4	89.4	39.4		87.4	37.4	89.4	
							0.1.4		21 /		21.	21.4	
٠	31.0	91.2	91.3	91.4	21.4		91.4	91.4	91.4	91.4	91.4		
,	93.5	93.3		94.1	94.1		94.1	94.1		94.1	94.1	94.1	
-	93.9	94.1		94.3	94.3	94.3	94.3	94.3		94.3	94.3		
	34.5	94.5		95.1	95.1	95.1	95.1	95.1	95.1		95.1	95.1	
**	95.5	75.7	96.2	96.4	96.4	95.4	96.4	96.4	96.4	96.4	96.4	96.4	
,	95.1	95.2	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
2	95.2	96.4	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
7	95.7	96.3	97.5	97.8	97.8	98.0	98.0	78.0	98.0	98.0		98.0	· · · · · · · · · · · · · · · · · · ·
1	97.2	97.4	98.1	98.4	99.4	98.6	93.6	98.6	98.6	98.5	98.6		
1	97.2	97.5	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	93.7	98.7	
				•••					45 .				
4	97.8	90.1	98.3	99.3	99.3	99.4	99.4	99.4		99.4	99.4		
*	93.0	98.3		99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
4	93.0	98.3	99.0		99.7		99.9		99.9			99.9	
4	93.0	98.3	99.0	79.7	99.7	99.9	99.9	99.9	99.9	99.9		99.9	
4	98.0	98.3	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	
4	93.0	98.3	99.0	99.7	99.7	99.9	99.9	99.9				100.0	
• •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIEWORL FROM HOURLY OBSERVATIONS

				-	TO UTC						:HTMOM	AUS HOL	_
	ING	• • • • • • •		•••••					STATUTE				
Ţ		GĒ	GE	ge.	GE	GE	GË	GE	SE	GE	GE	GE	GE
FE	<u> </u>	7	6	5	4	3	2 1/2	. 2	1 1/2	1 1/4	1	3/4	5/ 8
• • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	
י ניוי	CEIL	42.7	44.5	46.2	46.9	47.5	47.5	47.7	47.8	47.9	47.9	43.0	48.0
GE ,	20000	50.1	52.8	54.9	55.9	55.6	56.7	55.3	57.0	57.0	57.1	57.1	57.1
	13000	50.3	53.0	55.1	56.0	56.8	56.8	57.0	57.2	57.2	57.3	57.3	57.3
GF :	16000	50.4	53.1	55.2	56.1	55.9	56.9	57.1	57.3	57.3	57.4	57.4	57.4
GΕ	14000	51.0	53.3	55.9	55.9	5 7.7	57.3	58.0	58.1	58.2	54.2	53.2	58.2
GE	12000	52.9	55.5	59.0	59.0	60.0	60.1	50.3	50.4	60.5	60.5	60.6	60.6
GE	10000	56.5	59.8	62.5	63.6	64.6	54.7	54.9	65.0	55.1	65.1	65.2	65.2
GE	2000	57.J	60.4	63.1	54.2	65.2	65.3	55.5	55.6	55.7	65.8	65.3	65.8
GE	3000	60.0	63.7	56.7	58.0	59.1	69.2	67.5	59.6	59.7	59.8	69.8	69.8
GĒ	7000	61.1	64.9	68.0	69.6	70.5	70.9	71.1	71.2	71.3	71.4	71.5	71.5
GE	6000	62.3	56.2	69.5	71.1	72.3	72.6	72.9	73.0	73.0	73.1	73.2	73.2
GE	5000	63.4	67.5	70.9	72.5	73.B	74.1	74.3	74.5	74.5	74.5	74.7	74.7
G E	4500	64.3	68.4	71.9	73.8	75.0	75.3	75.6	75.8	75.3	75.9	76.0	76.0
SE	4000	65.7	70.0	73.6	75.6	76.9	77.2	77.6	77.8	77.9	78.0	78.0	73.0
SE	3500	57.2	71.5	75.2	77.2	73.5	73.9	79.2	79.4	79.5	79.6	79.7	79.7
GE	3000	69.3	74.3	78.4	80.5	31.9	32. <i>2</i>	42.6	92.3	82.9	83.0	33.1	83.1
GE	2500	71.7	76.5	30.6	42.7	84.1	34.5	35.1	85.3	35.3	35.4	95.5	85.5
GE	2000	74.2	79.4	34.0	35.3	B7.9	93.3	33.3	39.2	49.3	39.4	89.5	89.5
GE	1300	74.5	79.8	94.4	36.7	33.3	36. 3	99.4	59.6	39.7	89.5	89.9	89.9
GE	1500	75.0	30.5	85.2	87.6	39.3	99.8	90.4	90.7	90.3	90.9	91.0	91.0
GE.	1200	76.2	31.9	86.6	89.2	91.2	91.7	92.5	72.9	92.9	93.1	93.2	93.2
GE	1000	76.7	82.3	37.3	90.0	92.1	92.7	93.6	23.9	94.0	94.1	94.2	94.2
GF	900	76.7	32.5	87.6	90.4	92.7	93.3	94.3	94.7	94.7	94.9	95.0	95.0
G=	900	77.2	92.9	38.1	91.0	93.4	94.0	95.0	95.4	95.5	95.6	95.8	95.8
GE	700	77.4	33.2	88.5	91.4	93.8	94.4	95.5	96.0	96.1	96.3	95.4	96.4
GE	600	77.4	93.3	88.6	91.5	94.1	94.8	96.5	36.5	95.6	96.3	96.9	96.9
SE	500	77.4	93.4	38.8	92.0	94.9	95.7	97.0	93.0	93.1	98.3	98.5	98.5
SE	400	77.5	83.5	89.0	92.2	95.2	95.9	97.3	99.4	99.5	38.7	99.0	99.0
GF	300	77.5	83.5	39.0	92.2	95.3	96.0	97.4	98.5		78.9	99.4	79.4
GE	200	77.5	83.5	39.0	92.2	75.3	96.1	97.4	98.6	98.8	99.0	99.5	99.6
GE	100	77.5	33.5	89.0	92.2	95.3	96.1	97.4	98.6	98.8	99.0	99.0	97.6
GE	000	77.5	83.5	39.0	92.2	95.3	96.1	97.4	98.6	98.8	99.0	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 3853

	VISIBIL	ITY IN	STATUTE	MILES			••••		•••••	•••••		
35	GE	ن ن	SE	GE	GE	GΕ	GĒ	SE	GE	ĴΕ	υE	
3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	Э	
• • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	
47.5	47.5	47.7	47.9	47.9	47.9	43.0	43.0	43.0	43.0	48.)	46.0	
55.5	56.7	55.3	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	
56.8	56.5	57.0	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	
55.9	56.9	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.5	57.5		**
57.7	57.3	58.0	58.1	59.2	54.2	53.2	59.2	59.3	59.3	58.3	56.3	
50.0	50-1	50.3	50.4	60.5	60.5	60.5	60.6	57.5	50.5	50.7	50.7	
54.5	54.7	54.9	55.0	55.1	55.1	65.2	65.2	65.3	55.3	65.3	65.3	
55.2	55.3	55.5	55.6	55.7	65.8	55.3	65.8	65.9	65.7	55.9		
59.1	69.2	67.5	59.6	59.7	59.8	69.8	69.8	67.7	69.9	73.3	70.0	
70.5	70.9	71.1	71.2	71.3		71.5	71.5	71.6	71.6	71.5	71.6	
72.3	72.6	72.8	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	
73. H	74.1	74.3	74.5	74.5	74.5	74.7	74.7	74.8	74.5	74.0	74.3	
75.0	75.3	75.5	75.3	75.3	75.9	75.7	76.0	76.1	76.1	76.1	76.1	
75.9	77.2	77.6	77.8	77.9	78.0	73.0	73.0	78.1	78.1	76.2	74.2	
73.5	73.9	79.2	79.4	79.5	79.6	79.7	79.7	79.8	79.8	79.4	79.3	
31.9	32.2	42.6	92+3	92.9	83.0	33.1	83.1	83.2	×3.2	23.2	33.2	
84.1	34.5	45.1	85.3	35.3	35.4	95.5	35.5	85.5	35.5	35.7	35.7	
47.9	88.3	33.9	39.2	49.3	39.4	89.5	39.5	£9.5	89.6	57.5	89.5	
33.3	35.3	99.4	59.6	39.7	99.5	89.9	89.9	90.0	90.0	90.1	97.1	
37.3	9 9. 8	90.4	90.7	90.3	90.9	91.0	91.0	91.1	91.1	91.2	91.2	
21.2	91.7	92.5	72.9	92.9	93.1	93.2	93.2	93.3	93.3	93.4	93.4	
92.1	92.7	93.5	23.9	94.0	94.1	94.2	94.2	94.3	94.4	94.4	94.4	
92.7	93.3	94.3	94.7	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.1	
73.4	94.0	95.0	95.4	95.5	95.6	95.8	95.8	95.9	95.9	95.9	95.9	••
23.3	94.4	75.5	76.0	96.1	96.3	95.4	96.4	96.5	96.5	96.5	96.5	
94.1	94.8	96.9	96.5	95.6	96.8	96.9	96.9	97.0	97.1	97.1	97.1	
94.9	95.7	97.0	93.0	93.1	98.3	98.5	98.5	98.6	98.5	98.7		
95.2	95.9	97.3	99.4	99.5	98.7	99.0	99.0	99.1	99.2	39.2	99.2	
95.3	96.5	97.4	98.5	78.7	78.9		79.4	99.5	99.5		99.7	
75.3	95.1	97.4	98.6	98.8	99.0	99.5	99.6	99.8	99,4	99.9	99.9	
95.3	96.1	77.4	98.6	98.8	99.0	99.6	99.6	99.8	99.P	99.9	100.0	
95.3	96.1	97.4	98.6	98.8	99.0	99.6	99.6	99.8	99.8	94.0	100.0	

OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VERSUS VERSUS HOURLY DESERVATIONS

STA	TION N	UMBER:	726435	LST	to utc	+ 5					MONTH:	SED	DRD: A HOURS:
CEI	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		VISIBILI				• • • • • • •	• • • • • •	••••••
ī		GS	ĢĒ	SF	3E	Ğ₽.	GE	SΞ	SE	GZ	GE	GE	GE
2 E	ΕŤ	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/ 8
• • •	• • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
Ye3	CEIL	41.6	43.7	45.0	47.2	47.7	47.8	49.1	48.1	49.3	45.B	49.9	43.9
GE	20000	44.1	45.9	49.9	50.2	5).5	50.3	51.1	51.1	51.2	51.7	51.9	51.9
G.E	19000	44.2	46.0	49.1	50.5	51.1	51.2	51.6	51.6	51.7	52.2	52.3	52.3
GE	15000	44.2	46.0	49.1	50.5	51.1	51.2	51.6	51.6	51.7	52.2	52.3	52.3
GE	14000	44.9	46.6	43.7	51.1	51.7	51.9	52.2	52.2	52.3	52.3	53.0	53.0
GE	12200	46.4	48.1	51.2	52.5	53.3	53.4	53.7	53.7	53.9	54.4	54.5	54.5
GE	1000	49.5	51.4	54.5	56.2	56.9	57.3	57.3	57.3	57.5	57.9	58.1	54.1
ŠE	2000	50.2	52.0	55.1	57.3	57.8	57.9	58.3	53.3	53.4	58.9	59.0	59.0
GΕ	8000	52.0	54.0	57.2	59.0	59.8	50.0	60.3	50.3	50.4	50.9	61.1	61.1
GE	7000	53.6	55.3	58.9	50.9	61.7	51.8	52.1	62.1	62.3	62.8	52.9	52.9
GE	6000	55.9	58.6	61.8	64.2	55.3	55.6	65.9	55.9	65.0	65.5	66.7	66.7
SE	5000	56.3	60.0	53.4	45.7	65.8	67.1	57.4	57.4	67.6	69.1	68.2	63.2
GF.	4500	57.3	51.2	54.5	5 7. 3	63.1	63.4	21.7	54.7	64.4	54.3	69.5	69.5
GE	4000	58.5	62.3	65.9	58.2	69.3	69.5	59.9	59.9	70.1	70.6	70.7	70.7
GË	3500	60.1	64.0	67.5	73.2	71.7	72.1	72.5	72.7	72.9	73.4	73.5	73.5
GE	3000	61.7	65.7	69.5	72.0	73.5	74.3	74.9	75 • 1	75.2	75.7	75.9	75.9
GE	2500	52.3	57.0	71.0	73.3	75.4	76.2	76.6	76.9	77.1	77.6	77.7	77.7
GE	2000	63.9	53.4	72.6	75.4	76.9	77.7	70.2	75.5	78.8	79.3	79.4	79.4
GE	1800	64.2	63.7	72.9	75.7	77.3	78.0	78.5	78.8	79.1	79.6	79.8	79.5
GF	1500	65.9	73.4	74.8	78.2	80.1	30.8	31.6	91.9	82.2	82.7	92.9	82.9
GE	1200	66.8	71.5	76.2	79.9	81.8	82.5	R3.3	83.5	34.0	84.6	84.7	94.7
GE	1000	68.2	73.1	77.7	31.5	33.3	84.1	84.9	35.4	35.7	46.9	87.1	87.1
GE	990	68.4	73.2	77.9	31.5	93.5	84.3	35.3	25.5	45.8	97.1	87.2	87.2
SE	800	70.1	74.9	79.5	33.3	85.2	96.0	95.3	37.2	97.5	8.68	88.9	88.9
GE	700	70.2	75.1	30.4	84.4	35.4	87.2	88.0	88.5	98.8	90.0	97.2	90.2
GE	500	70.6	75.4	80.7	94.7	36.8	57.7	48.5	98.9	89.3	90.5	90.8	90.8
GE	500	70.7	75.7	91.2	85.2	87.2	88.8	90.0	93.7	91.1	92.5	92.A	92.8
GE	400	70.7	75.7	81.3	95.5	83.0	89.7	91.0	92.1	92.5	94.4	94.7	94.7
ĞĒ	300	70.7	75.7	81.3	85.7	89.2	99.9	91.4	92.8	93.5	95.3	96.4	95.4
GE	200	70.7	75.7	81.3	85.7	88.2	89.9	91.4	93.0	93.5	95.6	97.2	97.2
GE	100	70.7	75.7	A1.3	85.7	99.2	89.9	91.4	93.0	93.6	95.6	97.2	97.2
GE	200	70.7	75.7	81.3	85.7	83.2	89.9	91.4	93.0	93.6	95.6	97.2	97.2
• • •					• • • • • •		• • • • • • •		• • • • • • •			• • • • • •	

TOTAL NUMBER OF OBSERVATIONS 642

- TOTAL	: + 6	K FLD AN				HINOH:	SED :	JRD: 4.	06~08				
		VISIBILI	TY IN	STATUTE	MILE?					• • • • • •			
} 3≥	GE	GE	SE	3E 1 1/2	GE	GE	GE	GE	GE	GE	ĢΕ	SE	
. 4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/9		3	
• • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	
9 -7-2	47.7	47.8	48.1	48.1	48.3	45.8	49.9	43.9	49.1	49.1	49.4	49.7	
√ n ∂ • 2	5).5	50.3	51.1	51.1	51.2	51.7	51.9	51.9	52.0	52.0	52.3	52.5	
. 5	51.1	51.2	51.6	51.6	51.7	52.2	52.3	52.3	52.5	52.5	52.8	53.1	
`•5 ;•5	51.1	51.2	51.6	51.6	51.7	52.2	52.3	52.3	52.5	52.5	52.8	53.1	
4 1.1	51.7	51.9	52.2	52.2	52.3	52.3	53.0	53.0	53.1	53.1	53.4	53.7	
· 2 • 5	53.3	53.4	53.7	53.7	53.9	54.4	54.5	54.5	54.7	54.7	55.0	55.3	
2	55.9	57.0	57.3	57.3	57.5	57.9	58.1	58.1	59.3	58.3	5ರ•೦	58.9	
7.3	57.8	57.3	53.3	53.3	53.4	58.9	59.0	59.0	59.2	59.2	53.5	59.3	
, 4.0	59.8	50.0	60.3	50.3	50.4	50.9	51.1			61.2	61.5	61.8	
	61.7	51.8	52.1	62.1	62.3	62.8	52.9		63.1	63.1	53.4	53.7	
_ , , ,	55.3	55.6	55.9	55.9	65.0	65.5	66.7	66.7	66.8	65.8	57.1	67.4	
1.5.7	65.8	57.1	57.4	57.4	67.6	68.1	68.2	65.2	69.4	63.4	63.7	69.0	
. i.j	59.1	63.4	54.7	63.7	63.8	69.3	69.5	69.5	69.6	69.6	59.9	70.2	
: ،	69.3	69.6	59.9	59.9	70.1	70.6	70.7	70.7	70.9	70.9	71.3	71.5	
77.2	71.7	72.1	72.5	72.7	72.9	73.4	73.5	73.5	73.7	73.7	74.0	74.3	
72.0	73.5	74.3	74.5	75.1	75.2	75.7	75.9	75.9	76.0	76.0	76.3	76.6	
• • •	 .	74 3		3 . 0					77.0	77.0	• • •		
23.3	75.4	75.2	76.6	76.9	77.1	77.6	77.7	77.7	77.9	77.9	78.2	78.5	
75.4	75.9	77.7	78.2	78.5	78.8	79.3	79.4	79.4	79.6	79.6	79.9		
15.7	77.3	78.0	78.5	78.8	79.1	79.6	79.8	79.8	79.9	79.9	75.2	80.5	
74.2	40.1	30.8	31.6	91.9	82.2	82.7	92.9	82.9		83.2	83.5		
73.9	41.8	82.5	93.3	83.5	84.0	84.6	84.7	84.7	45.0	85.0	85.4	35.7	
1.5	93.3	84.1	84.9	85.4	85.7	86.9	87.1	87.1	87.4	P7.4	37.7	0.68	
. 1.5	93.5	34.3	85.0	85.5	85.8	97.1	87.2	97.2	87.5	87.5	67.9	88.2	
1 - 3 - 3	85.2	96.0	95.3	37.2	97.5	8.68	88.9		89.3	89.3	89.6	39.9	
+ . 4	35.4	87.2	88.0	88.5	88.8	90.0	92.2	90.2	90.5	90.5	90.9	91.1	
-34 . 7	85.8	57.7	88.5	38.9	89.3	90.5	90.8	90.8	91.1	91.1	91.4	91.7	
.5.2	87.2	88.3	90.0	90.7	91.1	92.5	92.8	92.9	93.3	93.3	93.5	93.9	
35.5	83.0	89.7	91.0	92.1	92.5	94.4	94.7	94.7	95.2	95.2	95.5	95.8	
. 7	88.2	99.9	91.4			95.3	96.4	95.4				97.7	
5.7	88.2	89.9	91.4	93.0	93.6	95.5	97.2		98.0	93.1	98.6	98.9	
45.7	99.2	89.9		93.0	93.6	95.6	97.2		98.4	98.8	99.4	99.7	
35.7	83.2	89.9	91.4	93.0	93.6	95.6	97.2		-	98.8		100.0	
• • • • •	• • • • • • •	• • • • • • • •	• • • • •	• • • • • • •			• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	

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OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSU FROM HOURLY DESERVATIONS

ST	ATION N	UMBER:	726436		TION NA		K FLD AN	GS ⊭I			PERIOD MONTH:	
	ILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	VISIBILI	 TY IN	STATUTE	MTLES	• • • • • •	• • • •
	IN	GE	G.F.	C.E.	r. a	SE	GE	GE			GE	G.
	EET	7		5			2 1/2		1 1/2	1 1/4	1	3/
• •	• • • • • •	• • • • •			• • • • • •	• • • • • •	• • • • • • •					• • • •
NΩ	CEIL	45.1	47.3	43.4	48.7	43.7	48.7	48.7	48.7	49.7	48.7	49.
	02.2											
	20000		52.5	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53
GE	13000	50.9	53.0	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54
GE	15000	50.3	53.0	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54
GE	14000	51.7	53.9	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55
٥Ē	12000	52.6	54.9	56.0	55.3	56.3	55.3	56.3	56.3	56.3	56.3	55
GE	10000	55.0	57.3	58.4	58.7	53.7	58.7	53.7	58.7	58.7	58.7	58
GE	9000	55.4	57.7	53.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59
SE	9000	57.7	60.4	61.6	52.2	62.2	62.2	62.2	52.2	62.2	52.2	62
GE		59.0	51.7	63.0	63.5	63.5	63.6	63.6	63.6	63.6	63.5	63
GE		51.1	54.2	65.5	66.1	55.1	66.1	66.1	66.1	66.1	66.1	66
GE	5030	62.7	65.9	67.3	67.9	67.9	67.9	59.0	68.0	53.0	63.0	69
GE		63.2	66.5	69.0	50.5	63.6	68.5	68.7	69.7	53.7	68.7	68
ĞĒ			67.8	59.4	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70
GE			58.3	79.2	71.0	71.1	71.2	71.4	71.5	71.5	71.5	71
GE		66.0	69.8	71.8	72.5	72.6	72.7	73.0	73.1	73.1	73.2	73
GE	2500	67.5	71.7	74.3	74.3	74.9	75.0	75.3	75.4	75.4	75.5	75
ĞĒ		70.2	74.5	76.7	77.3	79.1	78.2	74.5	73.5	78.5	78.7	78
ĞĒ		71.2	75.5	77.9	78.3		79.3	79.5	79.7	79.7	79.8	79
GE		74.7	79.5	32.5	33.4	83.9	94.0	34.3	84.4	84.4	84.5	34
GE		77.4	82.8	86.0	87.1	87.7		88.1	88.4	88.4	88.5	
SE	1000	78.3	83.7	87.2	38.4	83.9	39.3	89.4	99.7	89.9	90.1	90
GE	900	79.1	34.6	38.3	39.5	90.0	90.1	90.5	90.8	91.0	91.2	
GE		80.2	86.0	89.8	71.0	91.7	91.5	92.2	92.5	72.7	92.9	92
GE		80.5	96.4	90.6	92.2	92.9	93.2	93.6	93.9	94.1	94.6	94
GE		90.9	36.8	91.0	92.9	93.7	94.0	94.4	94.7	94.9	95.5	95
GF	500	81.1	87.2	71.4	93.3	94.3	94.6	95.0	95.3	95.6	96.4	96
GE	400	81.1	87.3	71.5	93.5	95.1	95.4	95.1	96.7	97.0	78.2	98
GE		81.1	87.3	91.5	93.5		95.7	95.4	97.0	97.3	98.5	799
GE		81.1	87.3	91.5	93.5	95.1	95.9	96.5	97.1	97.4	98.7	99
GE		81.1	97.3	91.5	93.5	95.1	95.9	96.5	97.1	97.4	98.7	99
GE	500	81.1	87.3	91.5	93.5	95.1	95.9	96.5	97.1	97.4	98.7	99

TOTAL NUMBER OF OBSERVATIONS 988

C

TF UTC	: + 5	K FLD AM		• • • • • • •		HONTH:	SED I	HOURS: 0	09-11	JUL AB			
Ĺ	•	VISIBILI	ITY IN	STATUTE	MILES								
3.2	Së	GE	36	SE	GÆ	GE		GE				GΞ	
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0	
	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	
.9.7	43.7	48.7	48.7	43.7	49.7	48.7	48.7	49.7	48.7	48.7	40.7	48.7	
73.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
-4.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	
14.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	
4	57.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	
55.3	56.3	55.3	56.3	56.3	56.3	56.3	55.3	56.3	56.3	56.3	55.3	56.3	
) • n 3 • 7	53.7	58.7	53.7	58.7	58.7	58.7	58.7	58.7	53.7	59.7	53.7	58.7	
39.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
~2.2	62.2	52.2	52.2	52.2	62.2	52.2	62.2	62.2	62.2	62.2	62.2	52.2	
53.5	53.5	63.6	63.6	63.6	63.6	63.5	63.6	63.6	63.5	53.5	53.5		
-7.0 .1	55.1	66.1	65.1	66.1	56.1	66.1	66.1	66.1	66.1	66.1	56.1	56.1	
57.9	67.9	67.7	59.0	63.0	53.0	63.0	69.0	63.0	58.0	64.0	55.0	54.0	
20.5	53.6	6 3. 5	68.7	59 .7	53.7	68.7	58.7	68.7	68.7	63.7	65.7	63.7	
70.1	70.2	70.3	70.4	72.4	70.4	70.4	70.4	70.4	70.4	70.4	75.4	70.4	
71.)	71.1	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	
72.5	72.5	72.7	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
74.3	74.9	75.0	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
17.3	79.1	78.2	79.5	73.5	78.5	78.7	78.7	79.7	75.7	73.7			
70.3	77.1	79.3	79.6	79.7	79.7	79.a	79.8	79.8		79.8		79.3	
13.4	93.9	34.0	34.3	94.4	84.4	84.5	34.5	84.5	84.5	84.5			
17.1	37.7	87.8	33.1	88.4	88.4	88.5	38.5	88.5	88.6	38.5	33.5	38.6	
4	33.9	39.0	89.4	99.7	39.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2	
7.5	97.0	90.1	90.5	90.8	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	
01.0	91.7	91.5	92.2	92.5	72.7	92.9	92.9	92.9	93.0	93.0		93.0	
92.2	92.9	93.2	93.6	93.9	94.1	94.5	94.6	94.6	94.7	94.7			
32.4	73.7	94.0	94.4	94.7	94.9	95.5	95.5	95.5	95.6	95.6	95.5	95.6	
33.3	94.3	94.6	95.0	95.3	95.6	96.4	96.4	96.4	96.5	96.5	96.5	96.5	
13.5	95.1	75.4	95.1	96.7	97.0	78.2	98.3	98.3	98.5	98.5	98.5	98.5	
73.5	95.1	95.7	95.4	97.0	97.3		99.1	99.1	99.3	99.3		99.3	
73.5	95.1	95.9	96.5	97.1	97.4	98.7	99.6	99.5	99.8	99.9	99.9		
73.5	95.1	95.9	96.5	97.1	97.4	98.7	99.7	99.7	99.9	99.9	99.9		
93.5	95.1	95.9			97.4	98.7	99.7	99.7	99.9	99.9	99.9	100.0	
	•••••	• • • • • •	• • • • • •	• • • • • • •		• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •			

OPERATING LOCATION "A" USAFFTAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY OBSERVATIONS

s	TATION	NUMBER:		LST	TO UTC	: + 6	K FLD AN	IG9 #1			HONTH:	SEP	ORD: A HOURS:	_
ċ	EILING	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			TV TN	STATUTE	WT1 C C	• • • • • • •	• • • • • •	• • • • • •	• • •
C	IN	GΕ	GE	GE	G E	SE	GE	GÉ	SE	GE	GE	GE	GE	
	FEET	7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/d	1
		· • • • • • •	• • • • • • •										•••••	• • •
										_				
N	O CEIL	47.3	48.1	48.2	44.2	49.2	49.2	48.2	48.2	48.2	48.2	49.2	48.2	4
-				.		.								_
-	F 20000	53.5	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	•
	E 19000	53.7	54.5	54.5	54.6	54.5	54.6	54.5	54.6	54.6	54.0	54.6	54.6	•
	E 16000	53.8	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
-	F 14000	54.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	
G	E 12000	55.5	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	•
G	F 10000	57.3	58.6	58.7	58.7	53.7	58.7	59.7	58.7	58.7	58.7	58.7	58.7	c
Ğ		57.9	58.7	59.3	58.3	53.3	58.8	53.3	58.8	58.3	58.8	58.8	58.8	
G		58.9	59.7	50.0	60.0	60.0	50.0	67.0	60.0	60.0	60.0	50.0	60.0	
G		59.7	60.5	60.9	50.7	50.9	50.9	52.9	50.9	50.9	60.9	60.9	50.9	ì
G!		51.5	62.6	53.0	63.0	53.0	63.0	53.C	63.0	63.0	63.7	53.0	63.0	
•	3,700	31.7	3243	3.3.0	0540	.,,,,,	33.3	.,,,,,,,	03.0	0,00	93.7	,,,,	03.0	•
G1		63.5	54.5	55.0	65.0	65.1	55 · i	65.1	65.1	65.I	65.1	65.1	65.1	
G!	E 4500	64.4	55.6	66.3	46.0	65.2	60.2	65.2	56.2	66.2	56.2	66.2	66.2	•
C.	4000	66.3	57.5	53 .1	58.1	63.3	68.3	64.3	68.3	68.3	58.3	68.3	6ª.3	
G	E 3500	68.2	69.5	70.1	70.1	70.3	70.3	77.3	70.3	70.3	70.3	70.3	70.3	1
G	E 3000	73.2	74.7	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	•
G	E 2500	76.3	75.5	79.4	79.5	73.7	79.3	79.8	79.8	79.8	79.8	79.8	79.8	
G:		80.5	32.5	-		83.8	83.9		-	53.9	93.9		_	
Si				33.4 24.7	53.5		85.2	83.9	63.9 85.2		55.2	83.9	83.9	
		81.5	33.3		34.3	95.1		35.2		35.2		85.2	85.2	
G		85.0	37.4	88.4	84.6	33.9	89.0 92.2	39.0	49.0 92.4	99.0 92.4	89.0 92.4	89.0	89.0	- 1
GI	1200	მ 7∙ 2	70.1	91.2	91.5	92.0	72.02	92.2	92.4	92.4	92.4	92.4	92.4	
G	1200	87.3	93.3	92.4	92.7	93.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7	
G	900	99.1	91.3	93.1	93.4	93.9	94.2	94.3	94.5	94.5	94.5	94.5	94.5	
G	E 330	80.4	91.8	93.9	94.3	95.0	95.3	95.4	95.6	95.6	95.6	95.6	95.6	1
G!	700	38.9	92.3	94.5	95.1	95.3	96.1	96.2	96.6	96.5	96.9	96.9	96.9	
GI		89.0	32.5	94.7	95.4	96.3	96.6	96.7	97.2	97.2	97.5	97.6	97.6	
G!		89.0	92.5	94.9	95.3	97.0	97.3	97.6	98.3	98.3	98.7	98.8	98.8	
G!		89.0	92.5	94.9	95.3	97.2	97.5	97.9	99.7	98.7	99.2	99.3	99.3	
G!		89.0	92.5	34.8	95.6	97.2	97.5	98.0	93.9	98.9	99.4	99.9	99.9	
G		89.0	92.5	74.8	95.3	97.2	97.5	98.0	98.9	98.9	99.4	99.9	99.9	
C	E 100	89.0	92.5	94.8	95.A	97.2	97.5	98.0	98.9	98.9	99.4	99.9	99.9	
G	- 000	89.0	92.5	94.8	95.8	97.2	97.5	94.0	93.9	99.9	99.4	99.9	99.9	
9		9760	7647	, , , , , ,		,,,,,	,,,,,	, ,,,,	,,,,	, ,, ,	2 / 1 7			
•														

TOTAL NUMBER OF DESERVATIONS 998

∳IJĽK	FLU AI	NG9 HI			PERIOD MONTH:		ORD: A		JUL 86	3		
· · · · · ·	ISIBIL	ITY IN	STATUTE		• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	
	GΞ		GĒ	GE		GE	GE	SE	GE	GE	GE	
3	2 1/2	2			1		5/8	1/2	3/9	1/4	0	
• • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	
- 2	49.2	48.2	48.2	48.2	48.2	49.2	48.2	48.2	49.2	48.2	46.2	
79 . 4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
5	54.6	54.5	54.6	54.6	54.0	54.6	54.6	54.6	54.6	54.6	54.6	
7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
~ . 7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	
O • 4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	
3.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58 .7	58.7	
1.3	56.3	53.3	58.8	58.3	58.9	58.8	58.8	59.8	58.8		56.8	
1.5	50.0	67.0	50.0	60.0	60.0	50.0	60.0	60.0	60.0	60.0		
.9	50.9	50.9	50.9	60.9	60.9	60.9	50.9	50.9	50.9	50.9	60.9	
4.)	63.0	53.C	63.0	63.0	63.7	53.0	63.0	63.0	63.0	63.0	63.0	
n.l	55.1	65.1	65.1	55.1	45.1	65.1	65.1	65.1	65.1	65.1	65.1	
5.2	50.2	65.2	55.2	66.2	55.2	66.2	65.2	56.2	66.2	66.2	66.2	
3.3	66.3	56.3	68.3	68.3	58.3	68.3	64.3	68.3	68.3	68.3	68.3	
7.3	70.3	77.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
ક ાતે	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	
7.7	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79. 8	79.4	79.5	
3.3	33.9	83.9	63.9	53.9	93.9	83.9	83.9	83.9	93.9	83.9	83.9	
, i	R5.2	35.2	35.2	35.2	55.2	85.2	85.2	85.2	85.2	25.2	85.2	
, ,)	89.0	39.0	99.0	39.0	89.0	89.0	89.0	89.0	89.0	39.0	89.0	
• . 5	72.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	22.4	92.5	92.5	
1.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.3	
4.4	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7		
3.3	96.1	96.2	96.6	96.6	96.9	96.9	96.9	96.9	96.9		97.0	
5.3	96.6	96.7	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.7	97.7	
7.3	97.3	97.6	98.3	98.3	98.7	00.0	00.0	00 0	22 D	02.0	65.3	
7.2				98.7		98.8	98.8	98.8	98.8		-	
7.2	97.5 97.5	97.9 93.0	98.7 93.9	98.7	99.2	99.3	99.3	99.3 99. 9	99.3	39.4 100.0	99.4	
7.2	97.5	98.0	98.9	98.9	99.4 99.4	99.9 99.9	99.9					
7.2	97.5	98.0	98.9	98.9	99.4	99.9	99.9 99.9	99.9 99.9	99.9	100.0		
••		/ 🗸 🕶 🛈	,,,		//47	7747	7767	7747	,,,,	10010	100.0	
7.2	97.5	93.0	93.9	98.9	99.4	99.9	99.9	99.9	99.9	100.0	100.0	
	*****	95.0	******	75.9	99.4	99.9	•••••	99.9 ••• <u>•</u> ••	99.9	100.0	100.0	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI-FROM HOURLY DBSERVATIONS

			726435	LST	TO UTC:	+ 6					MUATH:	SEP	DRÐ: AU HOURS:	
		• • • • • •	· · · · · · · · ·	• • • • • • •	• • • • • •	• • • • • • • • •		TV 741 C		MILEC	• • • • • • •	• • • • • •	• • • • • • •	• • • •
	LING	6.5		6.0	G.F	ν			STATUTE		GE	GE	GE	,
I		<u> 55</u>	GE				GF	SĘ	GE	GE			5/9	
ΕĒ	-	7	n	5	4	3	2 1/2	2		1 1/4	1	3/4		1,
• • •	• • • • • •	• • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	•••••	· · · · · · · ·	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••
נימ	CEIL	51.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	5.
CE	20000	56.4	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	5 (
	15000	56.E	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	5
	15000	57.0	57.5	57.5	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57
	14000	58.1	50.5	59.5	54.5	53.5	54.5	5H.5	58.5	58.5	58.5	53.5	58.5	55
	12000	59.5	50.0	60.0	60.0	50.0	50.0	50.0	60.0	60.0	60.0	60.0	60.0	60
٠٠٠	1:000	7763	70. 3	.3340	,,,,,	,,,,,	,0,0	,,,,,	30.0					
ar.	10000	63.3	53.7	53.7	53.7	53.7	63.7	53.7	63.7	53.7	43.7	63.7	63.7	63
GË	3222	63.3	63.7	53.7	53.7	63.7	53.7	53.7	53.7	63.7	53.7	53.7	63.7	6.2
25	2303	64.4	54.R	54.3	64.B	54.8	54.5	64.8	54.8	64.3	54.B	64.8	64.8	54
GE	7000	65.7	56.1	65.1	66.1	55.1	66.1	56.1	65.1	55.1	66.1	66.1	66.1	6 ti
Gé	6000	67.3	58.7	68.7	69.7	63.7	63.7	59.7	58.7	68.7	68.7	63.7	68.7	6:
01.	2000	010	3.76	0.,.	•	.,,,,,,	.,,,,							
GE	5000	70.2	71.1	71.1	71.1	71.1	71.l	71.1	71.1	71.1	71.1	71.1	71.1	71
GF	4500	71.9	72.8	72.5	72.5	72.5	72.3	72.8	72.8	72.8	72.8	72.R	72.P	74
GE	4000	76.2	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77
GE	3500	78.4	79.3	77.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	7 C
GE	3000	32.3	33.2	33.2	33.4	93.4	83.4	93.4	93.4	83.4	83.4	83.4	e3.4	9.4
0 4	2.703	,	,,,,					• •						
GF	2500	84.2	95.1	95.1	95.3	85.3	85.3	85.3	85.3	85.3	35.3	85.3	35.3	ء ع
SF	2000	88.5	39.3	90.5	90.7	97.7	90.7	93.7	90.7	90.7	90.7	90.7	90.7	ر 🔾 🗈
Ğ.E	1300	38.5	90.1	90.7	70.7	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	c I
GE	1500	90.1	92.4	93.7	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	C, 4
GÉ	1200	90.9	93.5	94.8	95.0	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	3 c
•	100	, • • •	,,,,,											
GE	1000	91.4	94.6	96.1	96.5	95.5	96.8	37.0	97.0	97.0	97.0	97.C	97.0	9.1
GÉ	900	91.4	94.6	76.1	96.5	95.8	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97
ĞĒ	900	91.3	95.0	95.8	97.2	97.6	98.1	98.3	98.3	98.3	98.5	98.5	98.5	9.5
ĞĔ	700	91.8	95.0	97.0	97.4	97.3	98.3	98.5	98.5	98.5	98.7	98.9	93.9	3.
GE	500	91.8	95.0	97.0	97.3	93.3	98.7	93.9	98.9	98.9	99.4	99.4	99.4	91
• • •														
GE	500	91.9	95.0	97.0	98.1	93.5	98.9	99.4	99.4	99.4	99.8	99.8	99.8	a G
GE	400	91.3	95.0	77.0	98.1	98.7	99.1	99.6	77.6	99.6	100.0	100.0	100.0	100
GE	300	91.8	95.0	37.0	78.1	98.7	99.1	99.6	39.6	99.6	100.0	100.0	100.0	100
GE	200	91.8	95.0	97.0	98.1	98.7	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100
ĞĒ	100	91.8	95.0	97.0	98.1	93.7	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100
GE	000	91.3	95.0	97.0	95.1	93.7	99.1	99.6	99.6	99.5	100.0	100.0	100.0	100
					• • • • • •	• • • • • • •							• • • • • •	• • • •
									•			-		

TOTAL NUMBER OF DBSERVATIONS 463

OT'S	: + 6	K FLD A			- · · ·	PERIOD MONTH:	OF REC	ORD: HOURS:	AUG 73 - 15-17	JUL 8	3		
••••			TY IN	STATUTE	MILES					• • • • • • •	• • • • • • •	*****	
1 5-	GE	GE	GE 2	GE	GE 1 1/4	GE 1	GE 3/4	GE 5/9	GE 1/2	GE 3/8	GE 1/4	SE O	
	• • • • • •			• • • • • • •					• • • • • •				
3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	
57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	
17.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	
>7.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5			57.5		
n H . 5	53.5	58.5	58.5	58.5	58.5	58.5	53.5	58.5				58.5	
50.0	50.0	50.0	50.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	
3 - 3 - 7	53.7	63.7	63.7	63.7	53.7	53.7	63.7	63.7	63.7	53.7	63.7	63.7	
43.7	63.7	53.7	53.7	63.7	63.7	53.7	63.7	63.7				63.7	
54.B	64.8	64.8	64.8	64.8	64.8	64.9	64.8	64.8	64.8	54.8		54.5	
55.1	56.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	65.1	56.1	
٠,٥٠٦	63.7	63.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	
. /1.1	71.1	71.i	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
12.3	72.8	72.3	72.8	72.8	72.8	72.8	72.8	72.R	72.8	72.3	72.1	72.5	
77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	74.3	
3.4	93.4	£3.4	93.4	93.4	83.4	83.4	93.4	83.4	83.4	83.4	33.4	93.4	
45.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	35.3	85.3	85.3	45.3	á5.3	
75.7	97.7	90.7	93.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	95.7	90.7	
40.7	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
14.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
95.0	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
45.5	95.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
16.5	95.8	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
17.2	97.6	98.1	98.3	98.3	98.3	98.5	98.5	96.5	98.5			98.5	
97.4	97.3	98.3	98.5	98.5	98.5	98.3	98.9	98.9	98.9		93.9	98.9	
97.4	93.3	98.7	98.9	98.9	98.9	99.4	49.4	99.4	99.4	99.4	99.4	90.4	
98.1	98.5	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99,3	
33.1	98.7	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
38.1	93.7	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.3	100.0	100.0	100.0	
93.1	98.7	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
99• 1	93.7	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
95.1	93.7	99.1		99.6					100.0				
• • • • • •	• • • • • •	• • • • • • •	•••••	••••••	•••••		• • • • • • •	• • • • • •		• • • • • • • •			

453

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI FROM HOURLY DESERVATIONS

• • •			• • • • • • •	• • • • • •	• • • • • •							• • • • • •	• •
	LING		3			1	VISIBILI						
		GE			GE	GE	GE	GE	GE	GE		GE	
	EET	7		5		3			1 1/2				
•••	•••••	• • • • • •	•••••	,	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •	, .		•••••	• •
NO	CFIL	46.l	47.4	49.4	49.3	43.9	48.9	49.9	48.9	49.0	49.1	49.1	4
	20000	51.1	52.4	53.4	53.5	53.9	53.9	54.0	54.0	54.0	54.1	54.2	
	13000		52.7	53.7	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.5	
	15000	51.3	52.7	53.8	54.2	54.3	54.3	54.4	54.4	54.4	54.5	54.5	
	14000	52.2	53.5	54.7		55.2	55.2	55.3	55.3	55.3	55.4	55.5	
GE	12000	53.3	54.7	55 .7	56.1	56.3	56.3	56.4	56.4	56.4	56.5	56.5	
	10000	56.0	57.5	53.5	58.9	57.1	59.1	59.2	59.2	59.2	59.3	59.3	
GE	2000	56.3	57.7	58.8	59.4	59.5	59.6	59.5	59.6	59.7	59.8	59.8	
GE	8000	57.9	59.5	60.7	51.2	61.4	61.4	51.5	61.5	61.5	61.5	61.7	
GE	7000	59.1	60.8	61.9	52.5	62.7	62.7	62.8	52.8	52.8	62.9	63.0	
GE	6000	61.2	53.2	54.4	65.1	55.3	65.4	55.4	65.4	65.5	65.5	65.6	
GE		52.9	65.0	55.3	57.7	57.3	67.3	67.4	57.4	57.5	67.6	67.6	
SE	4500	63 · 3	55.1	57.4	ეწ . l	63.4	58.4	63.5	63.5	53.5	68.7	68.7	
GE	4000	65.5	68.0	59.4	70.1	73.5	73.5	70.7	70.7	70.7		70.B	
GÉ	3500	66.9	59.5	71.0	71.8	72.2	72.3	72.5	72.5	72.5		72.7	
GE	3000	69.9	72.6	74.2	75.0	75.4	75.6	75.8	75.9	75.9	76.1	76.1	
GE	2500	72.1	74.9	75.8	77.7	79.1	78.3	78.5	7ಕ.6	78.6	79.3	78.8	
G٤	2000	75.0	78.1	30.1	91.1	81.6	81.5	82.0	32.1	32.2	32.3	82.3	
G۴	1500	75.6	73.9	31.0	31.9	82.4	82.7	82.9	93.0	83.0	93.2	83.2	
GE	1500	78.5	32.1	34.5	85.6	35.2	36.4	86.7	მ6∙8	96.9		87.1	
СE	1200	80.4	34.4	8 7. 6	98.2	83.9	39.2	89.5	99 .7	89.8	90.0	90.0	
GE	1000	81.2	55.4	38 .3	39.5	90.3	30.6	90.9	91.2	91.3	91.5	91.7	
GE	900	81.6	35.9	35.3	90.2	90.9	91.3	91.5	91.9	92.0	72.4	92.4	
GΞ	300	82.5	86.9	90.0	91.4	92.3	92.7	93.0	93.3	93.4	93.8	93.5	
GE	700	92.8	97.3	90.7	92.3	93.2	93.7	94.9	94.3	94.5		95•1	
GE	600	83.0	87.5	90.9	92.7	93.8	34.2	94.6	95.0	95.1	95.7	95.8	
GE	500	83.1	97.7	91.2	93.1	94.3	94.9	95.5	95.9	96.1	96.8	96.9	
GE	400		87.7	91.3	93.3	94.9	95.5	95.1	96.8	97.0	98.0	98.1	
G£	300	83.1	97.7	71.3	93.3	94.9	95.6	95.3	97.I	77.3	98.4	98.9	
GE	200	33.1	37.7	91.3	93.3	94.9	95.6	96.4	37.2	97.4	98.5	99.3	
GE	100	83.1	37.7	91.3	93.3	94.9	95.6	96.4	97.2	97.4	98.5	99.3	
GE	000	83.1	37.7	91.3	93.3	94.9	06 /	96.4	97.2	97.4	98.5	99.3	
U E	000	5201	51.1	31.0	73.3	74.7	95.6	70.4	71.2	91.4	A0.2	77.2	

TOTAL NUMBER OF DESERVATIONS 3091

1

	1ME: VOL 6: + 6	K FLD AM	NGB WI					ORD: AL		ี่ J UL 89	•		
	• • • • • • •		• • • • • • •		474.56	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	
1			GE	STATUTE	MILE?	CE	c =	G€	C.E	GE	GE	G E	
1	G <i>E</i> 3		3	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	3 -2	
۲.			4							• • • • • • •			
ì								• • • • •					
į.	49.9	49.9	49.9	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.2	49.3	
\ \ \ \	53.9	53.9	54.0	54.C	54.0	54.1	54.2	54.2	54.2	54.2	54.3	54.3	
- }1	54.2	54.3	54.3	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.6	
	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.7	
1:	55 . 2	55.2	55.3		55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.6	
1:	55.3	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.7	
1										_			
, ,		59.1	59.2		59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.5	
-	53.5	59.6	57.5		59.7	59.8	59.8	59.8	59.6	59.8		59.9	
1		51.4	51.5		61.5	61.6	61.7	61.7	61.7	61.7		61.6	
1,	62.7	62.7	62.8		52.8	62.9		63.0	63.0		63.1	63.1	
4	55.3	65.4	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.5	55.7	55. 3	
1	57.3	67.3	57.4	57.4	67.5	ó7.6	67.6	67.6	67.6	67.5	67.7	67.7	
i	51 53.4	55.4	68.5	63.5	66.6	68.7	68.7	58.7	68.7	68.7		57.1 64.3	
ì	73.5	73.5	70.7		70.7	70.5		70.8	70.9	70 9	70.9	71.5	
'	72.2	72.3	72.5		72.6	72.7		72.7	72.7		72.3	72.9	
1.	75.4	75.6	75.8	75.9	75.9	76.1	76.1	76.1	75.1	76.1		76.3	
	13.4	19.0	19.0	13.7	1 7 6 7	19.1	10.1	10.1	10.1	10.1	1012	10.0	
- 7	79.1	78.3	78.5	7ನ.6	79.6	73.8	78.8	78.8	78.8	78.8	73.9	79.0	
i		81.8	22.0	82.1	32.2	32.3	82.3	82.3	82.4	82.4	52.4	62.5	
- 4		82.7	82.9	93.0	83.0	93.2	83.2	83.2	P3.2	23.2	53.3	83.4	=
,	35.2	36.4	85.7	86.8	86.9	87.0	87.1	87.1	87.1	67.1		87.3	
12		39.2	89.5		89.8	90.0	90.0	90.0	90.1			90.3	
						•						-	
١,	47.3	90.6	90.9	91.2	91.3	91.6	91.7	91.7	91.8	91.3	91.8	91.9	
1.	90.9	91.3	91.5	91.9	92.0	72.4	92.4	92.4	92.5	92.5	42.6	92.7	
1.	92.3	92.7	93.0	93.3	93.4	93.8	93.5	93.8	93.9	93.9	74.0	94.0	
	93.2	93.7	94.0	94.3	94.5	95.1	95.1	95.1	95.2	95.2	95.3	95.3	
1	93.8	94.2	94.6	95.0	95.1	95.7	95.8	95.8	95.9	95.9	96.0	96.1	
ļī		94.9	95.5	95.9	96.1	96.8	96.9	96.9	97.1	97.1	97.2	97.2	
3		95.5	96.1	96.8	97.0	78.0	98.1	98.1	98.3	95.3	93.4	98.4	_
' '3		95.6	95.3	97.1	97.3	98.4	98.9	98.9			99.2		
		95.6			97.4	98.5	99.3	99.3	99.5		99.6	99.7	
13	94.9	95.6	96.4	97.2	97.4	98.5	99.3	99.3	99.6	99.7	99.9	99.9	
	0.0	05 /	04.4	07.2	07 (00 5	00.3	00.0	00.7	00.7	ar s	100 0	
ر	94.9	95.6	96.4	97.2	97.4	98.5	99.3	99.3	99.6	99.7	99.8	100.0	
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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS FROM HOURLY OBSERVATIONS

ST	ATION !	NUMBER:	725436		TO UTC		K FLD AN	1k 89			PERTOD MONTH:		CORD: HOURS:
6.5		• • • • • •	• • • • • • • •	• • • • • •	• • • • • •						• • • • • •	• • • • • •	• • • • • • •
	LING	GΕ	6 ~	3E	GE				STATUTE				
	[N EET		GE		Ն Ա		GE	SE	SE	GE	GE	GE	ĢÉ
		7	6	5		3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8
• • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •
NΠ	CEIL	38.4	39.7	40.0	40.2	41.0	41.2	41.2	41.4	41.4	41.5	41.7	41.7
GF	20000	43.9	45.9	46.6	46.7	47.5	47.7	47.7	47.9	48.1	48.2	48.4	42.4
GF	13000	43.9	45.9	45.5	46.7	47.5	47.7	47.7	47.9	49.1	43.2	48.4	45.4
GE	16000	43.9	45.9	45.5	46.7	47.6	47.7	47.7	47.9	46.1	48.2	48.4	48.4
GE	14000	44.4	46.4	47.1	47.2	48.1	48.2	48.2	48.4	48.6	49.7	49.9	48.9
GΕ	12000	46.1	49.1	48.7	49.9	49.7	49.9	49.9	50.1	50.3	50.4	50.6	50.6
GE	10000	49.2	51.3	51.9	52.1	52.9	53.1	53.1	53.3	53.4	53.5	53.9	53.9
GE	2000	49.7	51.8	52.4	52.6	53.4	53.6	53.6	53.8	53.9	54.1	54.4	54.4
GE	3000	52.3	54.4	55.3	55.4	55.4	55.0	56.6	55.8	57.0	57.1	57.5	57.5
GE	7000	54.4	56.5	57.5	57.5	53.5	58.8	56.8	59.0	59.1	59.3	59.5	59.6
GE	6000	56.4	59.1	50.1	60.5	51.5	61.6	61.6	61.3	62.0	62.1	62.5	62.5
SE	5000	58.0	61.0	52.1	52.5	53.5	63.7	63.7	54.0	54.2	54.3	64.7	64.7
GE	4500	59.5	62.5	63.3	54.2	65.3	65.5	65.5	65.8	55.0	66.2	66.5	66.5
GE	4000	62.5	56.0	67.3	67.8	69.2	59.3	59.3	59.7	59.8	70.0	70.4	70.4
GE	3500	63.0	50.5	67.8	69.3	59.7	69.8	69.8	70.2	70.4	70.5	70.9	70.9
GE	3000	66.3	69.P	71.4	71.9	73.2	73.4	73.4	73.7	73.9	74.0	74.4	74.4
G€	2500	58.2	71.9	73.4	74.2	75.7	75.9	76.2	76.5	76.7	76.9	77.2	77.2
GE	2000	69.7	73.5	75.0	75.3	77.7	77.9	73.2	73.6	78.7	78.9	79.2	79.2
ĞĒ	1800	70.5	74.4	75.9	76.9	73.6	78.7	79.1	79.4	79.6	79.7	30.1	80. î
GE	1500	72.4	76.5	78.6	79.7	31.6	91.9	82.2	H2.6	32.7	82.9	93.2	93.2
ĞĒ	1200	73.5	79.1	50.1	81.4	33.4	33.8	34.3	34.6	34.8	84.0	35.3	85.3
GE	1200	75.0	73.9	31.9	33.4	85.4	35. 8	85.6	36.9	37.1	P7.4	83.1	38.1
GÉ	900	75.0	79.9	32.1	33.5	85.8	86.1	85.9	87.3	37.4	A7.3	86.4	88.4
GF	900	75.4	30.2	92.5	94.1	86.6	37.1	83.3	69.8	38.9	89.4	90.1	90.1
SE	700	75.5	80.7	83.1	84.5	87.3	87.8	58.9	89.4	89.8	90.3	91.0	91.0
GE	600	75.5	30.7	83.1	85.3	97.9	99.1	90.8	91.3	91.6	92.1	92.8	92.8
GE	500	76.0	81.2	83.6	95 . 9	36.4	89.6	91.6	92.3	92.6	93.3	94.3	94.3
GF	400	76.0	81.2	83.6	85.3	83.4	89.6	92.0	93.0	93.3	94.3	95.5	95.6
ĞE.	300	76.0	81.2	23.5	85.3	83.4	89.6	92.0	93.0	93.3	94.8	95.6	97.2
GE	200	76.0	31.2	93.6	85.4	88.4	89.6	92.0	93.0	93.3	95.0	96.8	97.3
GE	100	76.0	31.2	83.6	35. ≥	99.4	89.6	92.0	93.0	93.3	95.0	96.8	97.3
GE	၁၀၁	76. 0	31.2	83.6	35.3	83.4	59.5	92.0	93.0	93.3	95.0	96.3	97.3
• • •	• • • • •	•••••		• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •			• • • • • •	• • • • • •	

TOTAL NUMBER OF DASERVATIONS 597

73 *(**	IDN NAI		K FLD AN			• • •	PERIOD MONTH:	OF REC	DRD: AT	UG 73 - 06-08	JUL 83			
		• • • • • • •					• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	
		20	GE ATSTRICT		STATUTE SE	GE	c.c	ce	Gë	GΞ	GE	GE	GF	
~ _ ·	,	3E 3	2 1/2	SE	1 1/2					1/2	3/3		_	
112	,										2/2	1/4		
		• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	
11.	40.2	41.0	41.2	41.2	41.4	41.4	41.5	41.7	41.7	41.9	41.9	42.5	42.9	.= .
	45.7	47.5	47.7	47.7	47.9	48.1	48.2	48.4	43.4	45.6	48.6	44.2	49.5	
121 •	5.6. 7	47.5	47.7	47.7	47.9	49.1	48.2	48.4	45.4	48.6	43.5	49.2	49.0	
- T• 4	66 7	47.6	47.7	47.7	47.9	46.1	48.2	48.4	48.4	48.6	48.6	49.2	49.5	
5.4	47.2	48.1	48.2	48.2	48.4	48.6	49.7	48.9	48.9	49.1	49.1	49.7	50.1	
7.5	40.9	49.7	49.9	49.9	50.1	50.3	50.4	50.6	50.6	50.8	50.0	51.4	51.8	
ુ•ા		_										, , ,		
1	1.50	52.9	53.1	53.1	53.3	53.4	53.5	53.4	53.9	54.1	54.1	54.3	55.1	
4.1	52.6	53.4	53.ó	53.6	53.8	53.9	54.1	54.4	54.4	54.6	54.0	55.3	55.6	
4.0	35.4	55.4	55.0	55.6	55.8	57.0	57.1	57.5	57.5	57.5	57.6	55.3	55.6	
7.	57.5	53.5	58.8	58.8	59.0	59.1	59.3	59.5	59.6	59.8	59.0	60.5	50.3	
ે.	59.5	61.5	61.6	61.6	61.3	62.0	62.1	62.5	62.5	52.6	62.5	53.3	63.7	
2.												· - •		
	52.5	63.5	63.7	63.7	54.0	64.2	54.3	64.7	64.7	64.8	54.0	55.5	65.3	
4.	54.2	65.3	65.5	65.5	55.8	65.0	65.2	66.5	66.5	65.7	55.7	67.3	57.7	
5.7	67.3	69.2	59.3	64.3	59.7	59.8	70.0	70.4	70.4	70.5	70.5	71.2	71.5	
	h m . 3	69.7	69.8	69.8	70.2	70.4	70.5	70.9	70.9	71.0	71.0	71.7	72.0	
L. 7	71.9	73.2	73.4	73.4	73.7	73.9	74.0	74.4	74.4	74.5	74.5	75.2	75.5	
٠.٠٤														
{	14.2	75.7	75.9	76.2	76.5	76.7	76.9	77.2	77.2	77.4	77.4	76.1	76.4	
.4	75.0	77.7	71.9	73.2	73.6	78.1	78.9	79.2	79.2	79.4	79.4	40.1	80.4	
•	76.9	73.5	73.7	73.1	79.4	79.6	79.7	50.1	80.1	30.Z	90.2	AJ.9	E1.2	a company of
• 1	77.7	31.6	91.9	d2.2	82.6	92.7	82.9	83.2	83.2	93.4	83.4	84.1	84.4	
• 4	-1.4	33.4	83.8	34.3	34.6	84.8	84.9	85.3	85.3	85.4	55.4	35.1	86.4	
.4														
	13.4	85.4	35.8	85.6	36.9	37.1	R7.4	83.1	38.1	88.4	33.4	39.1	89.4	
• 4	43.5	85.8	36.1	85.9	87.3	37.4	87.8	88.4	88.4	88.8	88.8	89.4	89.5	
	24.1	85.6	37.1	33. 3	89.B	88.9	99.4	90.1	90.1	90.5	90.5	91.1	91.5	
• 1	34.5	87.3	87.8	88 .9	89.4	89.8	90.3	91.0	91.0	91.3	91.3	92.0	92.3	
• 3	95.3	97.9	99.1	90.8	91.3	91.6	92.1	92.8	92.8	93.1	93.1	93.R	94.1	•
• 1														
. I	35.3	36.4	89.6	91.6	92.3	92.6	93.3	94.3	94.3	94.6	94.6	795.3	95.6	
' 🖠	45.3	83.4	89.6	92.0	93.0	93.3	94.3	95.5	95.6	96.0	96.0	96.6	97.0	
ř	25.3	83.4	89.5	92.0	93.0	93.3	94.8	96.6	97.2	97.9	97.8	98.5	93.3	
_, [45,4	88.4	89.6	92.0	93.0	93.3	95.0	96.8	97.3	98.2	98.2	98.8	99.5	
2 2	35.3	89.4	89.6	92.0	93.0	93.3	95.0	96.8	97.3	98.2	98.2	78.A	99.R	
2	45.3	83.4	59.6	92.0	93.0	93.3	95.0	96.8	97.3	99.2	98.2		100.0	
∤`					• • • • • • •			• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •			

U - 2 - 46

OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS FROM HOURLY OBSERVATIONS

STA	1104	NJMBER1	726436	LST	TO UTC	+ 6					MONTH:		2 S U CH
CET	LING	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •		VISIBILI				• • • • • • •	• • • • • •	••••
1	-	GE	GF	GE	SE	SE	GE	38	SE	GE	GF	GE	G E
FĒ		7	6	5	4	3			1 1/2		1	3/4	5/1
• • •	• • • • •		• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • •
NO	CEIL	41.0	41.7	42.1	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.
	20000			. 0 =			(2.1	40.	40.3	49.2	49.2	49.2	49.
	20000		47.7	48.5 48.5	48.9 45.9	49.1 49.1	49.1 49.1	49.2 49.2	49.2 49.2	49.2	49.2	49.2	44.
	12000		47.7 47.7	48.5	48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.
				49.2	49.5	49.8	49.3	49.9	49.7	49.9	49.7	49.9	49.
	14000	-	48.4 49.2	50.1	50.5	50.7	50.7	50.9	50.1	50.8	50.8	50.4	50.
O C	12000	4013	77.6	2001	JU • J	70.1		.0.	7.50	70 0	, , ,	<i>3</i> , 4	
GE	10000	51.2	52.1	53.1	53.5	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.
GΕ	9000	-	52.9	53.9	54.3	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.
GE	8000		56.3	57.2	57.7	57.9	57.9	59.1	5d.1	58.1	53.1	58.1	53.
GE	7000	56.7	52.1	59.0	59.5	59.3	59.8	50.0	50.0	60.0	60.0	60.0	60.
GE	5000	57.9	59.7	50.7	61.2	61.5	61.6	61.9	51.9	61.9	61.9	51.9	61.
GE	5000	59.9	61.6	63.0	53.5	63.5	53.9	54.2	54.2	54.2	54.2	54.2	64.
G ⊂	4500	60.5	62.5	53.8	54.3	64.6	54.3	55.1	45.4	55.4	65.4	65.4	65.
GE	4000	62.7	64.8	55.4	66.9	67.2	67.4	57.s	53.O	55.0	58.C	58.0	63.
GE	3500	63.9	65.9	67.4	67.9	64.3	68.5	63.9	69.1	69.1	69.1	59.1	59.
GE	3000	67.3	69.5	71.0	71.6	72.0	72.2	72.6	72.5	72.8	72.3	72.B	72.
G E	2500	72.0	74.4	75.9	76.4	75.9	77.1	77.5	77.B	77.3	77.6	77.A	77.
GE	2000	74.9	77.7	79.4	30.1	81.1	81.3	81.7	41.9	41.9	31.9	31.3	51.
SE	1300	75.9	78.7	30.7	31.4	32.3	P2.5	82.9	33.1	63.1	83.1	83.1	33.
GE	1500	78.3	31.5	53. მ	94.6	95.6	45.3	36.2	35.5	36.5	86.5	86.5	55.
GE	1200	78.9	32.6	85.1	35.0	87.5	97.9	48 .2	98.5	88.5	83.5	43.5	38.
GE	1000	79.3	93.8	36.5	87.5	89.6	39.9	93.6	90.9	90.9	90.9	91.0	91.
GE	900	80.4	84.2	37.0	35.1	90.2	90.7	91.4	91.7	91.7	91.6	91.9	91.
GE	800	81.2	35.0	38.1	49.5	91.8	92.3	93.2	93.6	73.5	93.7	93.8	93.
GE	700	81.2	95.0	98.1	90.0	92.6	93.2	94.1	94.7	95.0	95.1	95.2	75.
GE	500	81.5	85.4	88.6	90.7	93.3	94.0	95.1	95.8	95.1	96•2	96.3	96.
GE	500	81.5	35.6	39.8	90.9	93.5	94.2	95.7	96.8	97.4	97.6	97.9	97.
GE	400	81.5	35.6	39.8	90.9	93.5	94.4	95.0	97.2	77.9	99.4	98.9	98.
GE	300	81.5	85.6	38.8	90.9	93.6	94.5	96.2	97.4	98.I	98.9	99.5	99.
GE	200	81.5	85.6	88.8	90.9	93.6	94.5	96.2	97.4	98.1	98.9	99.5	99.
GE	100	81.5	85.6	89.8	90.9	93.6	94.5	96.2	97.4	98.1	98.9	99.5	99.
GE	000	81.5	95.6	33.8	90.9	93.6	94.5	96.2	97.4	98.1	98.9	99.5	99.
• • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • • • •	• • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • •

TOTAL NUMBER OF OBSERVATIONS 967

31

4			.,,	,)332 · · ·								
	AME: VOL	K FLD A	NGB AI						UG 73 -	JUL 88			
	C: + 6					MONTH:	DCT	HOURS:	09-11				
1	• • • • • • • • •	VISIRII	ITY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	•••••	
	36		GE	SE	GE	GE	GE	GE	GE	GE	GE	GĒ	
) .	3			1 1/2	1 1/4	1	3/4	5/6	1/2	3/8	1/4	0	
		• • • • • •						• • • • • •	• • • • • •	• • • • • •	• • • • • •		
í													
• 4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	
,	43.1			10.3			49.2	49.2	49.2	49.2	49.3	49.3	
• '	47.1 49.1	49.1 49.1	49.2 49.2	49.2 49.2	49•2 49•2	49.2 49.2	49.2	49.2	49.2	49.2	49.3	49.3	
,	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	
	47.8	49.8	49.9	49.3	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	
	50 .7	50.7	50.9	50.3	50.8	50.8	50.8	50.8	50.6	50.8	50.9	50.9	
	,			,,,,	,0,0	JU# 5	2000	23413	2340	,,,,	, . .	, , ,	
i	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	
4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.3	
7	57.9	57.9	59.1	58.1	58.1	58.1	58.1	53.1	58.1	58.1	50.2	58.2	
9	59.8	59.A	50.0	50.0	60.0	60.0	60.0	60.0	50.0	60.3	50.1	60.1	
2	51.5	61.6	61.9	51.9	51.9	61.9	51.9	61.9	51.9	61.9	62.0	62.0	
2	63.3	53.9	54.2	54.2	54.2	54.2	64.2	64.2	54.2	54.2	64.3	64.3	
Ġ	54.6	54.5	55.1	55.4	55.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	
ì	67.2	67.4	57 . 5	68.0	58.0	68.0	68.0	63.0	59.0	59.5	55.1	69.1	
1	61.3	68.5	63.9	69.1	69.1	59.1	69.1	69.1	69.1	69.1	59.2	69.2	
٠,	72.0	72.2	72.6	72.B	72.8	72.3	72.8	72.8	72.8	72.9	72.9	72.9	
•	75.9	77.1	77.5	77.8	77.3	77.8	77.8	77.8	77.8	77.9	77.9	77.9	
1	31.1	91.3	81.7	31.9	31.9	31.9	31.9	ö1.9	81.9	81.9	82.0	52.0	
	42.3	12.5	92.9	33.1	83.1	93.1	83.1	33.1	83.I	93.1	33.2	83.2	
٠,	45.6	95.8	86.2	35.5	36.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	
. ,	87.5	97.4	88.2	88.5	88.5	83.5	38.5	38.5	98.5	88.5	93.6	98.6	
د .	89.6	39.9	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.1	
. 1	90.2	90.7	91.4	91.7	91.7	91.8	91.9	91.9	91.9	91.9	92.0	92.0	
• 5	91.8	92.3	93.2	93.6	93.5	93.7	93.8	93.8	93.9	93.3		93.9	
• ^	92.6	93.2	94.1	94.7	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.3	
. 7	43.3	94.0	95.1	95.8	96.1	96.2	96.3	96.3	96.3	96.3	96.4	76.4	
	03 5	96 1	05 7	06.0	07 /	27 4	07.0	a7 0	07.0	07.0	ar a	06.3	
.9	93.5 93.5	94.2 94.4	95.7 95.0	96.8 97.2	97.4 97.9	97.6 99.4	97.9 98.9	97.9 98.9	97.9 98.9	97.9 99.0	98.0 93.1	95.3 99.1	
. 7	93.6	94.5	96.2	97.4	98.1			99.6		99.7	99.8	99.9	
9	93.6	94.5	96.2	97.4	98.1	98.9	99.5	99.7	99.7	99.9	99.9	100.0	
9	93.6	94.5	96.2	97.4	98.1	98.9	99.5	99.7	99.7	99.9	99.9	100.0	-
	,,,,	7 · • • · ·		· • • •	,	79.47	,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,	,,,,,	,,,,	.00.0	
.)	93.6	94.5	96.2	97.4	98.1	98.9	99.5	99.7	99.7	99.8	99.9	100.3	-· · -
• • •	• • • • • • •	• • • • • • •	• • • • • •										
						÷ -	- "-						

UPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SEILING VERSUS FROM HOURLY DESERVATIONS

STA	VCITA	NUMBER:	726436	LST	TO UTC	+ 6					MONTH:		HOURSE
651	LING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • •
130		GE	GE	GE	C.F.	GE '	GE	5E	GE	GF	GE	GE	GE
FF		7	5	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8
						• • • • • • •					_		
БИ	CEIL	40.2	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.0
GE	20000	47.2	48.3	48.5	4£.6	43.6	49.6	43.5	48.6	48.6	48.5	48.6	48.5
_	18000	47.4	48.5	48.5	45.8	48.8	45.5	40.3	41.8	48.8	49.9	48.9	48.6
	16000		48.5	48.8	40.8	48.3	43.8	48.8	43.8	48.3	48.4	48.8	48.8
	14000	48.3	49.5	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
-	12000	49.9	51.1	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE	10000	53.1	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.0
ĞĘ	9000	53.8	55.2	55.9	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.3	55.
Ğ.F.	3000	57.0	58.5	57.4	59.4	59.4	59.4	57.4	59.4	59.4	59.4	59.4	59.4
ĞĒ	7000	58.6	50.0	60.9	60.9	60.9	50.9	50.9	50.9	50.9	60.9	50.9	60.9
GE	6000	59.6	61.0	61.9	61.9	62.0	62.0	62.0	52.0	62.0	62.0	62.0	62.0
65	5000	60.3	61.7	52.7	52.7	52.9	62.5	52.8	52.6	52.8	62.8	62.8	52.5
SE	4500	61.1	62.6	63.5	53.5	63.6	53.6	63.5	63.6	53.5	53.6	63.6	03.6
GE	4000	64.3	65.8	55.3	57.0	67.1	67.1	67.1	57.1	67.1	67.1	67.1	67.1
GE	3500	66.4	68.0	69.0	69.2	59.3	69.4	59.4	59.4	69.4	69.4	59.4	69.4
GE	3000	71.8	73.4	74.4	74.7	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1
ĢΕ	2500	77.3	79.3	30.3	80.7	90.9	81.0	91.0	81.1	31.1	91.1	81.1	31.1
GE	2000	81.1	32.8	34.1	34.5	84.8	85.0	85.1	85.2	35.2	45.2	85.2	35.2
GE	1300	81.9	83.ª	25.1	85.5	85.8	26.0	55.1	36.2	36.2	36.2	86.2	96.7
GE	1500	84.3	36.4	38.2	38.3	39.2	H9.4	89.6	89.7	39.7	89.7	89.7	89.1
GE	1200	35.9	38.4	90.2	91.0	91.5	91.9	92.2	72.7	92.7	92.7	92.7	92.7
GE	1000	86.3	88.8	91.1	92.3	93.0	93.7	94.)	94.7	94.7	94.7	94.9	94.0
G۶	900	86.4	88.9	91.4	92.7	93.4	94.3	94.6	95.4	75.4	95.5	95.7	95.7
SE	800	86.6	39.3	92.1	93.5	94.3	95.6	95.9	97.5	97.0	97.1	97.3	97.
GĒ	700	85.9	99.8	92.8	94.3	95.2	96.5	96.8	98.0	98.0	98.1	98.3	98.1
GE	600	36.9	89.8	92.9	94.4	95.5	96.9	97.3	98.7	98.7	99.8	99.0	99.1
GE	500	86.9	89.9	93.0	94.5	95.6	97.0	97.4	94.8	98.8	98.9	99.1	99.1
GF	400	86.9	39.9	73.0	94.5	95.7	97.1	97.5	98.9	99.1	99.3	99.6	3 9.
CF	300	86.9	39.9	73.0	94.5	95.7	97.1	97.5	98.9	79.1	79.3	99.6	79.
GE	200	86.9	89.9	93.0	94.5	95.7	97.1	97.6	98.7	99.1	99.3	99.6	99.7
GE	100	86.9	89.9	93.0	94.5	95.7	97.1	97.6	98.9	99.1	99.3	99.6	99.1
GE	000	86.9	89.9	93.0	94.5	95.7	97.1	97.6	98.9	99.1	99.3	99.6	99.1
• • •	• • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • • • • •		• • • • •	• • • • • • •		• • • • • •	• • • • • •	

TOTAL NUMBER OF UBSERVATIONS 980

TO OTC:	+ 6	K FLO AN				HTMDM	OCT I	HOURS:				= •	
		VISIBILI				•••••	• • • • • •	• • • • • •	* * * * * * * *	• • • • • •	• • • • • • •	• • • • • •	
O.F.	GE	G E	SE	GE	GE			GE	G€	GE	GΕ	SF	
4	3			1 1/2				5/8	1/2	3/9	1/4	3	
• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	
40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	4Ċ•9	
46.6	43.6	43.6	43.5	48.6	48.6	48.5	48.6	48.5	48.5	43.6	43.0	48.6	
48.3	48.8	48.8	40.8	44.8	48.8	43.8	48.9	48.8	48.6	40.8	48.3	48.3	
40.3	43.3	43.8	48.8	43.8	48.8	48.8	40.8	48.8	48.8	48.9	43.3	48.8	
50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.I	5C • 1	
51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	
55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
55.1	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.4	
59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
50.9	60.9	50.9	50.9	50.9	50.9	60.9	50.9	60.9	60.9	60.9	60.9	60.9	
51.9	62.0	62.0	52.0	52.0	62.0	62.0	62.0	62.0	62.0	62.0	52.0	62.0	
52.7	52.8	62.8	52.8	52.8	52.8	52.8	62.8	52.5	62.9	62.3	62.3	62.3	
53.5	53.6	53.5	53.5	53.5	53.6	53.6	63.5	63.6	63.6	63.5	53.6	63.5	
57.0	57.1	67.1	67.1	57 . 1	67.1	67.1	67.1	67.	67.1	67.1	57.1	67.1	
59.2	59.3	59.4	59.4	59.4	69.4	69.4	59.4	69.4	69.4	59.4	57.4	69.4	
74.7	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	
30.7	90.9	81.0	31.0	31.1	31.1	91 - 1	81.1	81.1	81.1	81.1	31.1	81.1	
34.5	84.8	85.0	85.1	d5.2	85.2	35.2	85.2	35.2	85.2	85.2	35.2	85.2	
45. 6	85 . 8	86.0	55 .1	36.2	36.2	36.2	86.2	86.2	86.2	36.2	86.2	85.2	
33.A	39.2	89.4	89.6	89.7	39.7	89.7	< 1. 7	89.7	39.7	A9.7	89.7	89.7	
91.0	91.5	91.9	92.2	32.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	_
92.3	93.0	93.7	94.0	94.7	94.7	94.7	94.9	94.9	94.7	94.9	94.9	94.9	
92.7	93.4	94.3	94.6	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	
93.5	94.3	95.6	95.9	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	
94.3	95.2	96.5	96.8	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.5	98.5	
94.4	95.5	96.9	97.3	98.7	98.7	99.8	99.0	99.0	99.0	99.0	99.3	99.3	
94.5	95.6	97.3	97.4	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.4	99.4	
74.5	95.7	97.1	97.5	98.9	99.1	99.3	99.6	99.7	99.7	99.7		100.0	
94.5	95.7		97.3	93.9		99.3		99.7			100.0		
94.5	95.7	97.1	97.6	98.9	99.1	99.3	99.6	99.7	99.7	99.7	100.0	100.0	
94.5	95.7	97.1	97.6	98.9	99.1	99.3	99.6	99.7	99.7	99.7	100.0	100.0	
94.5	95.7	97.1	97.6	98.9	99.1	99.3	99.6	99.7	99.7	99.7	100.0	100.0	
	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • •	••••••	• • • • • •		::::	

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI'

		726436	LST	TO UTC	+ 6					MONTH.	170 1	unnk2: T.
CEILING		• • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • •	• • • • • •	• • • • • • • •
IN	GE	GE	GE	GE		GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4			5/8
• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • •
NO CEIL	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 2000	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 1800	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1600	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	5 4.7	54.7	54.7
GE 1400	55.4	55.4	55.8	55.º	55.8	55.8	55.8	55.8	55.B	55.8	55.9	55.5
GE 1200	56.5	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 1000	58.8	59.2	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 900		59.7	50.4	50.4	60.4	60.4	60.4	50.4	60.4	50.4	60.4	60.4
GE 900		62.4	53.1	63.1	63.1	63.1	63.1	63.1	53.1	53.1	63.1	
GE 700		63.8	54.5	64.5	54.5	64.5	64.5	54.5	54.5	64.5	64.5	
GE 600		54.7	65.4	55.4	55.4	65.4	65.4	45.4	55.4	65.4	65.4	
GE 500	66.1	67.0	57.7	67.7	67.7	67.7	57.7	57.7	67.7	57.7	67.7	57.7
GE 450		57.4	53.1	55.1	63.1	68.1	65.1	58 · 1	58.1	58.1	68.1	
GE 4000		71.1	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 3500		74.3	74.9	75.4	75.6	75.6	75.6	75.5	75.6	75.5	75.6	
GE 3000		79.0	80.0	80.4	30.6	80.6	80.6	30.5	80.6	30.6	80.5	
GE 2500	80.9	52.0	32.9	93.4	93.6	83.6	83.5	93.6	83.6	33.6	53.5	83.6
GE 200		35.5	36.6	87.2	37.5	37.5	84.2	93.2	Rd . 2	38.2	88.2	
GF 1300		35.9	96.8	47.5	87.7	37.9	83.5	99.6	88.6	88.5	88.6	
GE 1500		33.5	89.7	90.4	90.9	91.1	91.8	91.8	91.8	91.3	91.8	
GE 1200		90.2	91.3	92.0	92.5	93.2	94.1	94.3	94.3	94.3	94.3	
GE 1000	87.7	90.4	91.6	92.5	93.4	94.1	95.0	95.2	95.2	95.2	95.2	95.2
GE 904		90.4	91.8	92.9	93.8	94.5	95.4	95.9	95.9	95.9	95.9	
GE 800		90.4	91.8	93.4	94.5	95.2	95.4	95.8	96.3	95.8	96.3	
GE 700	87.7	90.4	91.3	93.4	94.5	95.2	96.4	95.8	96.8	95.3	97.0	97.0
GE 600	87.7	30.4	91.8	93.4	94.3	95.7	97.0	97.7	97.9	97.9	98.2	98.2
GE 500	87.7	90.4	91.8	93.5	95.2	96.1	97.5	98.2	98.4	98.6	98.9	98.9
GE 400		90.4	91.8	93.3	95.4	96.4	97.7	98.9	99.1	99.8	100.0	
GF 300		90.4	91.8	93.3	95.4	96.4	97.7	93.9	99.1	5.00	100.0	
GF 200		90.4	91.8	93.3	95.4	96.4	97.7	95.9	99.1	99.3	100.0	
GE 100		90.4	91.8	93.8	95.4	96.4	97.7	98.9	99.1	99.3	100.0	
GE 000	87.7	90.4	91.8	93.8	95.4	96.4	97.7	93.9	99.1	99.8	100.0	100.0

TOTAL NUMBER OF DESERVATIONS 439

	45: ADF 1 + 9	K FLD A	NGS WI			PERIOD MONTHS	D OF REC	ORD: 4	10G 73 -	- J UL ಕ	a − *		
···	• • • • • • •	VISIRII	ITY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	
	Ĵέ		GE			GE	GE	GE	GE	Ge	GĘ	GΞ	
Ē.	3	2 1/2	2	1 1/2				5/8		3/3	1/4	9	
	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	
- 1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
. 2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	
. 7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7		54.7	54.7	
. 7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7		54.7		
• .,	55.8	55.3	55.8	55.8	55.8	55.8		55.8	55.9	55.2	55 a	55.3	
• 2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2		
. ,	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.3	60 O	r 0 0	
4	53.4	60.4	69.4	50.4	60.4	50.4	_		-	=	·=	59.9	
. 1	63.1	63.1	63.1	53.1	63.1	53.1	60.4 63.1	60.4 63.1	50.4	60.4	50.4	60.4	
	54.5	64.5	54.5	54.5	54.5	64.5	64.5	64.5	63.1 54.5	53.1	63.1	63.1	
	45.4	65.4	55.4	55.4	55.4	65.4	55.4	65.4			54.5		
.1		V. • •	3241	7,74 4	37.4	57.4	37.4	92.4	65.4	65.4	55.4	55.4	
. 1	57.7	57.7	57.7	57.7	67.7	57.7	67.7	57.7	67.7	67.7	67.7	67.7	
. 1	53.1	68.1	65.1	58.1	58.1	58.1	68.1	68.1	53.1	63.1	58.1	on.1	
•)	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
. 4	75.6	75.6	75.6	75.5	75.6	75.5	75.6	75.6	75.6	75.5	15.5		
. 4	30.6	RO.6	80.6	30.6	90.6	30.6	80.6	80.5	87.6	80.5	PO.5	80.6	
. 4	53.6	83.6	83.6	93.6	93.4	33 4	67.4	42 4	03 4	33.4		• •	
• • • • • • • • • • • • • • • • • • • •	37.5	37.5	88.2	33.0	83.5 86.2	83.6 88.2	53.5 88.2	83.6	83.5	33.5	33.5	03.5	
	37.7	37.9	83.5	99.6	88.6	88.6		88.2	83.2	33.2	85.2	38.2	
	90.9	91.1	91.8		91.8	91.3	88.6	35.6	88.5	84.6	56.6	88.5	
• • • •	92.5	93.2	94.1	94.3	94.3	94.3	91.8 94.3	91.8 94.3	91.8 94.3	91.8 94.3	91.8 94.3	91.9 94.3	
						*	• =	, , , ,	, , , ,	, , ,	, , ,	, , ,	
• 5	93.4	94.1	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
.)	93.8	94.5	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
• 4	94.5	95.2	95.4		96.3	95.5	96.3	96.8	96.3	9673	95.3	96.3	+ - No
• 4	94.5	95.2	96.4	96.8	96.8	95.3	97.0	97.0	97.0	97.0	97.0	97.0	
• 4	94.3	95.7	97.0	97.7	97.9	97.9	98.2	99.2	98.2	98.2	98.2	98.2	
• 5	25.2	96.1	97.5	93.2	98.4	98.6	98.9	98.9	98.9	98.9	93.9	98.9	
. 3	95.4	96.4	97.7	98.9	99.1	99.8	100.0				_		
1	95.4	96.4	97.7	93.9	99.1	99.3	100.0		100.0	100.0	100.0	100.0	
• 3	95.4	96.4	97.7	98.9	99.1	99.8		100.0	100.0	100.0	100.0		
. 4	95.4	96.4	97.7		99.1		100.0		100.0			100.0	
		, , ,		, , ,	//•*	7763	10010	100.0	100.0	100.0	100.0	100.0	
. 3	95.4	96.4	97.7	93.9	99.1	99.8				100.0			

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISI-FROM HOURLY DESERVATIONS

STA	ATION N	UMBER:		LST	TO UTC	: + 6	K FLD AN				:HINCM	OCT HOL	TRO: AL	
CE 1	ILING	•••••	•••••	• • • • • • •	• • • • • • •		* * * * * * * * * * * * * * * * * * *				• • • • • • •	• • • • • • •	• • • • • • •	••••
	ILING IN	GE	GF	GE	GE		VISIBILI GE	GE	SE	91LF3	GE	SE	c =	
	IN EET	7	5	5 5	4	3	2 1/2	2		1 1/4		3/4	GE 5/8	17
							2 1/6		1 1/2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		<i>)/ 7</i>	270	
••	, , , , , , ,	••••	• • • • • • • • •	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, • • • • • • •	•••••	••••	••••	•••••	, • • • • • •	, , , , , , ,			
NO	CEIL	40.8	41.4	41.7	41.9	42.1	42.1	42.1	42.1	42.1	42.2	42.7	42.2	40
	20000	47.4	48.4	49.0	49.1	49.4	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49
GE	13000	47.5	48.5	49.1	49.3	49.5	49.5	49.0	47.5	49.6	49.7	49.7	49.7	40
	16000	47.6	48.6	49.1	49.3	49.5	49.5	49.6	49.6	49.5	49.7	49.7	49.7	40
	14000	48.3	49.4	50.1	50.2	50.5	50.5	50.5	50.5	50.6	50.5	50.7	50.7	5.7
GE	12000	49.6	50.7	51.4	51.6	51.9	51.3	51.9	51.9	51.9	52.0	52.9	52.0	5.1
GE	10000	52.5	53.9	54.5	54.7	54.9	55.0	55.0	55.1	55.1	55.1	55.2	55.2	5.5
GE		53.2	54.4	55.2	55.4	55.6	55.6	55.7	55.7	55.3	55.3	55.9	55.9	45
GE	8000	56.1	57.5	53.4	58.6	53.9	53.9	52.0	59.0	59.0	59.1	59.1	59.1	e (
GE	7000	57.3	59.3	50.1	50.3	60.6	50.6	50.7	50.7	60.8	60.3	50.9	50.9	5%
GE		59.1	50.7	61.7	61.9	52.3	62.3	02.4	62.5	52.5	52.5	62.5	62.6	50
GE		60.5	62.3	53.4	53.5	54.0	54.0	54.1	54.2	54.2	54.3	64.3	64.3	54
ĢΕ		61.4	63.3	64.3	54.0	64.9	65.)	55.l	55.3	65.3	55.3	65.4	05.4	¢÷
G۴		64.3	66.3	67.5	57.9	63.3	55.4	55.5	53.7	58.7	58.8	63.E	53. 8	5 :
GE		65.3	57.9	69.1	69.5	70.0	70.1	70.2	70.4	70.4	70.4	70.5	70.5	7;
GF	3000	70.2	72.2	73.5	74.0	74.4	74.6	74.7	74.9	74.9	75.0	75.0	7 5.0	7 °
GE	2500	74.4	76.6	77.9	78.4	73.9	79.1	77.3	79.5	79.5	79.6	79.5	79.6	7 4
GE		77.2	79.7	91.1	31.3	32.6	82.7	83.1	-3.2	93.3	83.3	83.4	83.4	3 3
GE	1300	79.3	80.5	82.1	92.3	33.5	83.7	34.0	84.2	34.2	34.3	84.3	84.3	24
GE	1500	80.2	93.2	35.0	85.9	36.8	37.0	H7.4	37.5	87.6	87.6	87.7	87.7	97
ĞĒ		81.4	34.7	86.7	87.5	33.A	99.1	89.6	39.9	90.0	90.0	90.1	90.1	90
SE	1000	82.2	35.6	87.3	99.0	90.4	90.9	91.6	92.0	92.0	92.1	92.3	92.3	9.2
SE	900	82.4	35. F	33.2	69.4	93.9	91.5	92.2	92.7	92.7	92.5	93.1	93.1	9.3
GE	800	62.5	36.3	38.9	90.3	92.0	92.8	93.6	94.2	94.3	94.4	94.7	94.7	94
GE	700	82.9	96.5	89.2	90•8	92.7	93.5	94.3	95.0	95.2	95.4	95.6	95.6	Óε
GĒ	600	93.0	36.7	89.4	91.2	93.2	34.2	95.3	96.1	96.3	96.5	95.7	96.7	96
GE	500	83.1	86.9	99.6	91.5	93.4	94.5	95.7	96.7	97.0	97.3	97.7	97.7	97
GE	400	83.1	96.9	39.6	91.5	93.5	74.6	95.9	97.2	97.5	98.1	98.5	98.7	93
GE		83.I	86.9	39.6	91.5	93.5	94.7	95.0	97.2	97.3	98.3	99.0	79.2	6.6
GE	200	83.1	96.9	89.6	91.5	93.5	94.7	96.0	97.2	97.6	98.4	99.1	99.3	93
GE	100	83.1	46.9	99.6	91.5	93.5	94.7	96.0	97.2	97.6	98.4	99.1	99.3	99
SE	000	83.1	96.9	49.6	91.5	93.5	94.7	96.0	97.2	97.5	98.4	99.1	99.3	99
• • •	• • • • • •	•••••	• • • • • • •		* • • • • • •	• • • • • • •	•••••	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • •

TOTAL NUMBER OF DESERVATIONS 2993

	46: VOL	K FLO AI	NGB AI			PERIOD	OF REC	ORD: A URS: AL	UG 73 - L	ี ป ีย์ ซีซี			
. • • • •				STATUTE		• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	
w	GE	Gt	0€	SE		GE	GE	GE	GE	SE	ن ن	GE	
		2 1/2		1 1/2			3/4	5/8	1/2	3/3	1/4	3	
	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •		
1.)	42.1	42.1	42.1	42.1	42.1	42.2	42.2	42.2	42.7	42.2	42.4	42.5	
1.1	47.4	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49.5	49.5	47.0	49.8	
1.3	49.5	49.5	49.6	47.5	49.6	49.7	49.7	49.7	49.7	49.7	44.9	50.0	
· · . 3	49.5	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.9	50.0	
• ?	50.5	50.5	50.5	50.5	50.6	50.5	50.7	50.7	50.7	50.7	50.9	50.9	
1.5	51.5	51.3	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.2	52.3	
7	54.9	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.4	55.5	
	77.6	55.6	55.7	55.7	55.8	55.3	55.9	55.9	55.9	55.9	55.1	56.2	
	53.0	53.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2			
,	67.5	50.5	50.7	50.7	60.8	60.8	50.9	50.9	50.9	60.9	51.1	61.1	
	52.3	62.3	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.5	52.3		
	J. • J	72.0	02.44	9247	9249	02 • J	02.40	02.0	92.0	02.0	26.4	62.9	
	54.0	54.0	54.1	54.2	64.2	54.3	64.3	64.3	64.4	64.4	64.5	64.5	
50.5	64.9	65.0	55.1	55.3	65.3	65.3	65.4	65.4	65.4	65.4	65.6	65.7	
7.)	63.3	55.4	53.6	63.7	68.7	68.8	68.€	68.8	63.9	68.9	67.0	69.1	
.ء و د را	70.0	70.1	70.2	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.7		
7 • •)	74.4	74.6	74.7	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.2	75.3	
79.4	73.9	79.1	77.3	79.5	79.5	70 4	70 (70 /	70.7	20.2	30 \	70.0	
1.3	32.5	32.7	53.1	33.2	33.3	79.6	79.5 83.4	79.6	79.7	79.7	79.3	79.9	
2.3	33.5	83.7	84.0	84.2	34.2	83.3 34.3	84.3	83.4	33.4	83.4	33.6	83.5	=
5.3	ને ઠ • છે	37.0	87.4	37.5				84.3	84.4	34.4	34.5	34.5	
7.5	93.8	99.1	89.5	39.9	87.6 90.0	87.6 90.0	87.7 90.1	87.7	87.7	87.7	97.9	97.9	
) ; • · j	7701	97.9	3747	90.0	90.0	90.1	90.1	90.1	90.1	90.3	90.3	
·•)	90.4	90.9	91.6	92.0	92.0	92.1	92.3	92.3	92.4	92.4	92.5	92.5	
4.4	90.9	91.5	92.2	92.7	32.7	92.8	93.1	93.1	93.1	93.1	93.3	93.4	
10.3	92.0	92.8	93.6	94.2	94.3	94.4	94.7	94.7	94.7	94.7		95.0	_
	92.7	93.5	94.3	95.0	95.2	95.4	95.6	95.6	95.7	95.7	95.0	96.0	
2.16	93.2	94.2	95.3	96.1	96.3	96.5	96.7	96.7	96.8	96.3	97.1	97.2	
11.5	93.4	94.5	95.7	96.7	97.0	77 7	07.7	07 -			n. •		n,
41.5	93.5	74.5	95.9	97.2		97.3	97.7	97.7	97.8	97.8	95.1	98.1	
11.5	93.5	94.7	95.0	97.2	97.5 97.5	98.1	98.6	98.7	98.7	90.3	49.0	99.1	
11.5	93.5	94.7	96.0	97.2		98.3	99.0		99.3			99.7	
11.5	93.5	94.7			97.6	98.4	99.1	99.3	99.4	99.5	99.7	99.9	
74.07	90.0	77.1	96.0	97.2	97.6	98.4	99.1	99.3	99.4	99.5	99.7	100.0	
41.5	93.5	94.7	96.0	97.2	97.6	98.4	99.1	99,3	99.4	99.5	99.7	100.0	
					7 T. T. T. T. T.								

OPERATING LOCATION MAM-USAFETAC, ASHEVILLE NO

I

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIO FROM HOURLY DESERVATIONS

ST	ATION !	NUMBER:	726435	LST	TO UTC	: + 6	K FLD AN	IGB #I			PERIOD MONTH:		DRD: A	
	ILING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •		* * * * * * * * * * * * * * * * * * *	TV TN	CTATHE	MTLEC	• • • • • • •	• • • • • •	• • • • • • • •	• • • •
	IN	GE	GE	GE	GE	GE	GE A 1 3 1 6 1 F 1		STATUTE	GE UTLE 2	c -			_
	EET	7	-				-	GË			GE	GE	GE	٠
F-1	C	•	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/
• •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • •
NÜ	CEIL	31.9	33,3	34.4	34.4	35.5	35.9	36.3	36.3	36.3	36.3	36.6	35.0	31
GE	20000	35.5	38.1	40.3	40.7	41.4	41.3	42.1	42.1	42.1	42.1	42.5	42.5	4
GE	18000	35.5	38.1	40.3	40.7	41.4	41.3	42.1	42.1	42.1	42.1	42.5	42.5	42
GE	15000	35.9	30.5	40.7	41.0	41.8	42.1	42.5	42.5	42.5	42.5	42.9	42.9	4:
GE	14000	37.0	39.5	41.8	42.1	42.9	43.2	43.6	43.6	43.6	43.5	44.0	44.0	44
	12000	38.5	41.0	43.2	43.5	44.3	44.7	45.1	45.1	45.1	45.1	45.4	45.4	4.5
											.,	, , ,	*	-
GΞ	10000	40.7	43.5	45.8	46.2	47.3	47.6	45.0	48.0	46.0	43.0	48.4	48.4	4.
GE	3020	41.0	44.0	46.2	46.5	43.0	49.4	43.7	48.7	48.7	48.7	49.1	49.1	41
GE	3000	42.5	45.8	48.4	49.1	5).5	50.3	51.3	51.3	51.3	51.3	51.6	51.6	52
GE	7000	44.3	47.5	50.2	51.3	52.7	53.1	53.5	53.5	53.5	53.5	53.5	53.8	5,
GE	6000	45.4	49.1	51.5	52.7	54.2	54.6	55.3	55.3	55.3	55.3	55.7	55.7	5.
										,,,,,	, , , ,	,,,.	2.261	
GE	5000	45.3	49.5	52.0	53.1	54.6	54.7	55.7	35.7	55.7	55.7	56.0	55.0	5.6
GE	4500	47.5	51.3	53.8	54.9	55.4	56.3	57.5	57.5	57.5	57.5	57.9	57.9	5
GE	4000	48.7	52.4	54.9	56.0	57.5	57.9	54.5	55.6	28.5	5 8. 5	59.0	59.0	÷, (
G E	3500	50.2	54.2	56.8	57.9	59.3	59.7	50.4	50.4	50.4	50.4	60.4	60.3	4,
ĞĒ	3000	52.7	56.4	59.3	50.4	61.9	62.3	63.0	63.0	53.0	53.0	63.4	63.4	5
- *						, • • ·	, = 4 ,		33.3	33.0	0,50	.,,,,,	03.4	•
GE	2500	55.7	59.7	62.6	54.1	65.6	65.9	66.7	55.7	56.7	56.7	67.C	67.0	6 1
GE	2000	60.4	54.8	67.8	59.5	71.4	71.8	72.5	72.5	72.5	72.5	72.9	72.9	7
GE	1800	62.3	66.7	70.0	71.3	73.6	74.0	74.7	74.7	74.7	74.7	75.1	75.1	7
GE	1500	64.5	59.5	73.3	75.4	77.7	78.0	77.1	79.1	79.1	79.1	79.5	79.5	7
GE	1200	67.0	72.2	76.2	74.9	90.6	31.3	22.4	32.4	32.4	52.4	32.3	52.3	Ġ
				, , , ,	. • ,	. • • •			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	76. 6 7	/L V 1	3	,	
GE	1000	69.1	73.6	79.0	81.0	93.5	84.5	86.1	85.1	36.1	97.2	87.5	37.0	£
GE	900	63.1	73.5	78.0	81.0	83.5	84.6	85.1	26.1	36.1	37.2	87.5	57.4	3
GE	800	68.5	74.0	73.4	41.3	33.9	85.3	35.3	57.2	37.2	98.3	39.0	30.4	á'
GE	700	59.2	74.7	79.1	52.4	35.7	37.2	88.6	99.4	89.7	90.3	91.6	91.9	ă,
ĞĒ	600	69.2	74.7	79.1	32.8	P5.1	37.5	89.0	99.7	90.1	91.2	91.3	92.3	aj.
••				• / • •	920	7	• • ,		. , ,	7.74 1	7102	710	2.	
GE	500	69.2	74.7	79.1	32.3	36.1	37.9	37.4	90.9	91.2	92.3	93.0	93.4	9
ĞĒ	400	69.2	74.7	79.1	33.2	95.4	49.3	90.5	92.7	73.0	94.1	96.0	96.3	91
G E	300	69.2	74.7	79.1	83.2	85.4	56.3	90.5	93.0	93.4	94.5	96.3	96.7	9
GE	200	59.2	74.7	79.1	83.2	35.4	28.3	90.5	93.0	93.4	94.9	97.4	97.3	ģ
GE	100	69.2	74.7	79.1	H3.2	35.4	88.3	90.5	93.0	93.4	95.2	97.8	98.2	9
9.	100	J / • E		. / • •	99€	1.7 0 "T	10.5	,,,,,	,,,,	7.7.7	7342	7140	7006	-
GE	000	69.2	74.7	79.1	a3.2	35.4	88.3	93.5	93.0	93.4	95.2	97.6	98.2	۲,
• • •								,,,,,		,,,,,	,,,,		70166	
			 • •											

TOTAL NUMBER OF OBSERVATIONS 273

35.9 41.3 41.3 42.1 43.2 44.7		1 1/2 36.3 42.1 42.1 42.5 43.6	1 1/4 36.3 42.1 42.1 42.5	36.3 42.1 42.1	3/4 36.5 42.5	5/9	37.0	3/4	GE 1/4 37.0	6E 0 37.9	
35.9 41.3 41.3 42.1 43.2 44.7	36.3 42.1 42.1 42.5 43.6	36.3 42.1 42.1 42.5 43.6	35.3 42.1 42.1 42.5	35.3 42.1 42.1	36.5 42.5	35.6	37.0	• • • • • •	• • • • • •	• • • • •	
35.9 41.3 41.3 42.1 43.2 44.7	36.3 42.1 42.1 42.5 43.6	36.3 42.1 42.1 42.5 43.6	36.3 42.1 42.1 42.5	42.1 42.1	36.5 42.5	35.6	37.0		37.0	37.0	
41.3 41.3 42.1 43.2 44.7	42.1 42.1 42.5 43.5	42.1 42.1 42.5 43.5	42.1 42.1 42.5	42.1 42.1	42.5			37.0	37.0	37.0	
41.3 42.1 43.2 44.7	42.1 42.5 43.6	42.1 42.5 43.6	42.1 42.5	42.1		42 6					
42.1 43.2 44.7	42.5 43.5	42.5 43.5	42.5			76.40	42.9	42.9	42.4	42.4	
43.2 44.7	43.6	43.5			42.5	42.5	42.9	42.9	42.9	42.7	
44.7				42.5	42.9	42.9	43.2	43.2	43.2	43.2	
	45.1	/ E 1	43.6	43.5	44.0	44.0	44.3	44.3	44.3	44.3	
47.6		45.1	45.1	45.1	45.4	45.4	45.A	45.4	45.8	45.9	
7100	49.0	98.0	48.0	48.0	48.4	48.4	48.7	48.7	45.7	48.7	
43.4	43.7	48.7	49.7	48.7	49.1	49.1	49.5	49.5		49.5	
50.9	51.3	51.3	51.3	51.3	51.6	51.6	52.0	52.0	52.0	52.J	
	53.5	53.5	53.5	53.5	53.8	53.8	54.2	54.2	54.2	54.2	
54.6	55.3	55.3	55.3	55.3	55.7	55.7	56.0	56.7	56.0	5t • 0	
54.7	55.7	55.7	55.7	55.7	56.0	55.0	56.4	56.4	55.4	55.4	
56.3	57.5	57.5	57.5	57.5	57.9	57.9	58.2	53.2	30.2	53.2	
57.9	54.5	54.6		58.5			59.3	59.3	5).3	59.3	
59.7	50.4	50.4	50.4	50.4	60.9	60.3	61.2	61.2	51.2	51.2	
52.3	63.0	53.0	63.0	53.0	63.4	63.4	63.7	63.7	53.7	63.7	
65.9	66.7	55.7	56.7	56.7	67.0	67.0	67.4	67.4	67.4	67.4	
71.8	72.5	72.5	72.5	72.5	72.9	72.9	73.3	73.3	73.3	73.3	
74.0	74.7	74.7	74.7	74.7	75.1	75.1	75.5	75.5	75.5	75.5	
73.0	77.1	79.1	79.1	79.1	79.5	79.5	79.9	79.9	79.9	79.9	
31.3	?2.4	82.4	32.4	92.4	82.8	92.3	83.2	83.2	63.2	83 • 2	
84.5	P6.1	B 5∙1	36.1	97.2	87.5	97.9	SE.3	85.3	P3.3	58.3	
84.6	85.1				87.5	57.9				68.3	
35.3	85.3	37.2	37.2	98.3	39.0	39.4	59.7	89.7	39.7	89.7	
47.2	88.6	39.4	59.7	90.3	91.6	91.9	92.3	92.3	22.3	22.3	
₹7. 5	89.0	89.7	90.1	91.2	91.9	92.3	92.7	92.7	92.7	92.7	
37.9	39.4	90.8	91.2	92.3	93.0	93.4	93.8	93.8	93.a	93.9	
48.3	90.5	92.7	73.0	94.1	96.0	96.3	96.7	96.7	94.7	96.7	
58.3	90.5	93.0	93.4	94.5	96.3	96.7				97.3	
28.3	90.5	93.0	93.4	94.9	97.4	97.3	98.5	98.5	98.9	99.6	
39.3	90.5	93.0	93.4	95.2	97.B	98.2	98.9	98.9	79.3	100.0	
92 2	01 5	33.0	33 4	25. 2	07 ÷	0.5.7	00.0	02.0	20.3	100.0	
	50.9 53.1 54.6 54.75 57.9 50.3 65.9 71.8 65.9 71.8 65.3 74.0 78.3 84.6 85.3 77.5 88.3 88.3	43.4 50.9 51.3 53.1 53.5 54.6 55.3 54.7 56.3 57.5 57.9 72.5 74.0 74.7 77.1 31.3 82.4 84.6 85.1 85.3 85.3 87.5	43.4 43.7 48.7 50.9 51.3 51.3 53.1 53.5 53.5 54.6 55.3 55.3 54.7 55.7 57.5 57.5 57.5 57.5 57.9 54.5 59.6 59.7 40.4 60.4 62.3 63.0 63.0 65.9 66.7 56.7 71.8 72.5 72.5 74.0 74.7 74.7 78.0 79.1 79.1 31.3 92.4 82.4 84.6 86.1 86.1 85.3 85.8 37.2 47.2 84.6 89.4 47.5 89.0 89.7 87.9 89.4 90.8 98.3 90.5 93.0 88.3 90.5 93.0 88.3 90.5 93.0 88.3 90.5 93.0	43.4 43.7 48.7 48.7 50.9 51.3 51.3 51.3 53.1 53.5 53.5 53.5 54.6 55.3 55.3 55.3 54.7 55.7 55.7 55.7 56.3 57.5 57.5 57.5 57.9 54.5 59.6 58.6 59.7 40.4 50.4 60.4 62.3 63.0 63.0 63.0 65.9 66.7 56.7 72.5 74.0 74.7 74.7 74.7 73.0 79.1 79.1 79.1 31.3 22.4 82.4 82.4 84.6 86.1 86.1 36.1 85.3 85.3 87.2 87.2 47.2 84.6 89.4 89.7 47.2 84.6 89.4 89.7 87.9 89.7 90.1 87.9 89.7 90.1 88.3 90.5 93.0 93.4 88.3 90.5 93.0 93.4 <	43.4 43.7 48.7 49.7 49.7 50.9 51.3 51.3 51.3 51.3 51.3 53.1 53.5 53.5 53.5 53.5 54.6 55.3 55.3 55.3 55.3 54.7 55.7 55.7 55.7 55.7 56.3 57.5 57.5 57.5 57.5 57.5 57.9 54.5 59.6 58.6 58.6 58.5 59.7 40.4 50.4 50.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.2 88	43.4 43.7 48.7 49.7 49.1 50.9 51.3 51.3 51.3 51.3 51.6 53.1 53.5 53.5 53.5 53.5 53.6 54.6 55.3 55.3 55.3 55.7 54.4 55.7 55.7 55.7 56.0 56.3 57.5 57.5 57.5 57.7 56.0 56.4 57.5 57.5 57.5 57.5 57.7 57.9 57.9 57.5 57.5 57.5 57.7 57.9 57.9 57.5 57.5 57.5 57.7 57.9 57.9 57.5 57.5 57.5 57.7 57.9 57.9 57.9 57.5 57.5 57.7 57.9 57.9 57.9 57.9 57.5 57.5 57.7 57.9 5	43.4 43.7 48.7 49.7 49.7 49.1 49.1 50.9 51.3 51.3 51.3 51.6 51.6 53.1 53.6 53.5 53.5 53.6 53.8 54.6 55.3 55.3 55.3 55.7 55.7 54.7 55.7 55.7 55.7 56.0 56.0 56.3 57.5 57.5 57.5 57.9 57.9 57.9 54.5 58.6 58.5 59.0 59.0 59.7 50.4 50.4 50.4 60.8 60.3 52.3 63.0 63.0 63.0 63.4 63.4 62.3 63.0 63.0 63.0 63.4 63.4 65.9 66.7 56.7 56.7 56.7 72.5 72.9 72.9 74.0 74.7 74.7 74.7 74.7 75.1 75.1 73.0 79.1 79.1 79.1 79.1 79.5 79.5 31.3 22.4 82.4 82.4 82.4 82.8 <td>43.4 43.7 48.7 48.7 49.1 49.1 49.5 50.9 51.3 51.3 51.3 51.3 51.6 51.6 52.0 53.1 53.5 53.5 53.5 53.6 53.8 54.2 54.6 55.3 55.3 55.7 55.7 56.0 56.0 54.9 55.7 55.7 55.7 56.0 56.0 56.4 56.3 57.5 57.5 57.5 57.9 57.9 57.9 58.2 57.9 54.5 55.6 58.6 58.5 59.0 59.0 59.2 59.7 50.4 50.4 50.4 50.4 50.4 60.8 60.3 61.2 52.3 63.0 53.0 53.0 53.0 53.4 63.4 63.7 57.9 54.5 55.6 58.6 58.5 59.0 59.0 59.0 59.3 59.7 50.4 50.4 50.4 50.4 60.8 60.3 61.2 52.3 63.0 63.0 63.0 63.0<!--</td--><td>48.4 43.7 48.7 48.7 49.1 49.1 49.5 49.5 50.9 51.3 51.3 51.3 51.6 51.6 52.0 52.0 53.1 53.6 53.5 53.5 53.6 53.8 53.8 54.2 54.2 54.6 55.3 55.3 55.3 55.7 55.7 56.0 56.0 56.0 54.7 55.7 55.7 55.7 56.0 56.4 56.4 56.4 56.3 57.5 57.5 57.5 57.9 57.9 57.9 58.2 53.2 57.9 53.5 57.5 57.5 57.5 57.9 57.9 58.2 53.2 57.9 53.5 57.5 57.5 57.5 57.9 57.9 58.2 53.2 57.9 53.5 57.5 57.5 57.5 57.9 57.9 57.9 58.2 53.2 57.9 53.6 58.5 59.0 59.0 59.3 59.3 59.3 59.9 66.7 56.7 56.7 56.7<</td><td>48.4 43.7 48.7 48.7 49.1 49.1 49.5 49.5 49.5 50.5 52.0 54.0 56.0</td><td>43.4 43.7 48.7 48.7 49.1 49.1 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 52.0</td></td>	43.4 43.7 48.7 48.7 49.1 49.1 49.5 50.9 51.3 51.3 51.3 51.3 51.6 51.6 52.0 53.1 53.5 53.5 53.5 53.6 53.8 54.2 54.6 55.3 55.3 55.7 55.7 56.0 56.0 54.9 55.7 55.7 55.7 56.0 56.0 56.4 56.3 57.5 57.5 57.5 57.9 57.9 57.9 58.2 57.9 54.5 55.6 58.6 58.5 59.0 59.0 59.2 59.7 50.4 50.4 50.4 50.4 50.4 60.8 60.3 61.2 52.3 63.0 53.0 53.0 53.0 53.4 63.4 63.7 57.9 54.5 55.6 58.6 58.5 59.0 59.0 59.0 59.3 59.7 50.4 50.4 50.4 50.4 60.8 60.3 61.2 52.3 63.0 63.0 63.0 63.0 </td <td>48.4 43.7 48.7 48.7 49.1 49.1 49.5 49.5 50.9 51.3 51.3 51.3 51.6 51.6 52.0 52.0 53.1 53.6 53.5 53.5 53.6 53.8 53.8 54.2 54.2 54.6 55.3 55.3 55.3 55.7 55.7 56.0 56.0 56.0 54.7 55.7 55.7 55.7 56.0 56.4 56.4 56.4 56.3 57.5 57.5 57.5 57.9 57.9 57.9 58.2 53.2 57.9 53.5 57.5 57.5 57.5 57.9 57.9 58.2 53.2 57.9 53.5 57.5 57.5 57.5 57.9 57.9 58.2 53.2 57.9 53.5 57.5 57.5 57.5 57.9 57.9 57.9 58.2 53.2 57.9 53.6 58.5 59.0 59.0 59.3 59.3 59.3 59.9 66.7 56.7 56.7 56.7<</td> <td>48.4 43.7 48.7 48.7 49.1 49.1 49.5 49.5 49.5 50.5 52.0 54.0 56.0</td> <td>43.4 43.7 48.7 48.7 49.1 49.1 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 52.0</td>	48.4 43.7 48.7 48.7 49.1 49.1 49.5 49.5 50.9 51.3 51.3 51.3 51.6 51.6 52.0 52.0 53.1 53.6 53.5 53.5 53.6 53.8 53.8 54.2 54.2 54.6 55.3 55.3 55.3 55.7 55.7 56.0 56.0 56.0 54.7 55.7 55.7 55.7 56.0 56.4 56.4 56.4 56.3 57.5 57.5 57.5 57.9 57.9 57.9 58.2 53.2 57.9 53.5 57.5 57.5 57.5 57.9 57.9 58.2 53.2 57.9 53.5 57.5 57.5 57.5 57.9 57.9 58.2 53.2 57.9 53.5 57.5 57.5 57.5 57.9 57.9 57.9 58.2 53.2 57.9 53.6 58.5 59.0 59.0 59.3 59.3 59.3 59.9 66.7 56.7 56.7 56.7<	48.4 43.7 48.7 48.7 49.1 49.1 49.5 49.5 49.5 50.5 52.0 54.0 56.0	43.4 43.7 48.7 48.7 49.1 49.1 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5 52.0

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBLE FROM HOURLY OBSERVATIONS

SŦ	ATION N	UMBER:	726436		IAM MOLT		K FLD AN	1k 20			PEPIOO MONTH:		GRO: A HOURS:	
	ILING	• • • • •	• • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • • •	• • • • • •	•••••	• • • • • •
	IN	GE	GE	GE	GE	ŝE	GË	SE	5141012	GE	GE	GE	GE	35
	EET	7	5	5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2
• •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •			• • • • • • •			• • • • • •	• • • • • • •	• • • • • •
NΩ	CFIL	33.8	34.9	36.0	35.3	35.7	36.4	37.2	37.3	37.3	37.3	37.4	37.4	37.4
GΕ	20000	39.0	40.3	41.5	41.3	42.1	42.3	42.5	42.8	42.3	42.∂	42.9	42.4	42.9
GE	13000	39.2	40.4	41.5	41.7	42.3	42.4	42.3	42.9	42.9	42.9	43.0	43.0	43.0
GF	15000	39.3	40.5	41.8	42.7	42.4	42.5	42.9	43.0	43.0	43.0	43.1	43.1	43.1
	14000	40.0	41.3	42.5	42.7	43.1	43.3	43.5	43.4	43. 8	43.8	43.9	43.9	43.9
GE	12000	41.9	43.3	44.5	44.9	45.3	45.4	45.3	45.3	45.9	45.9	45.0	46.0	45.0
GΕ	10000	45.1	47.0	43.6	47.)	49.5	49.5	50.0	50.1	50.1	50.1	50.2	50.2	50.2
GE	3000	45.	47.4	41.3	49.5	5).2	50.4	5).7	50.9	50.9	50.9	51.0	51.0	51.0
GE	8000	47.3	49.9	51.5	52.2	53.0	53.1	53.5	53.6	53.5	53.5	53.7	53.7	53.7
GE	7000	49.5	52.0	53.9	54.5	55.2	55.4	55.7	55.1	55.9	55.7	55.0	56.0	55.0
GE	6000	50.7	53.1	55.0	55.A	55.4	55.6	57.0	57.1	57.1	57.1	57.2	57.2	57.2
GE	5000	51.2	53.5	55.7	56.4	57.1	57.4	57.7	57.9	57.9	5 7. 9	53.0	58.0	58. Y
CË	4500	52.1	54.5	56.6	57.4	53.1	50.4	5 - 7	54.9	5H.9	58.9	54.0	59.0	59.0
GF	4000	53.7	56.2	5 A . 4	51.1	53.9	60.1	67.5	50.7	50.7	50.7	60.5	5 0.5	50 • °
GE	3500	54.9	57.2	59.4	60.1	5).B	51.1	51.5	51.7	61.7	61.7	61.8	61.3	51 · f
GE	3700	55.7	58.4	40.5	61.2	52.0	45.5	52.5	42.3	62.8	62.3	63.0	53.0	53.0
ςc	2500	60.5	53.5	55.7	25.7	67.2	57.5	63 . 0	58.2	53.2	59.2	68.3	58.3	63.3
SΕ	2000	66.3	57.6	71.3	72.7	74.1	74.4	74.3	75.1	75.1	75.3	75.4	75.4	75.4
GF	1300	63.0	71.2	73.6	74.7	75.3	76.2	75.5	75.3	75.	77.1	77.2	77. 2	77.c
G٤	1500	59.8	74.2	76.B	79.1	79.2	79.7	50.2	90.9	A0.8	81.0	91.2	81.2	21.2
G€	1200	71.4	76.5	79.3	57.ª	42.0	32.7	83.2	43.3	43.8	84.2	94.3	34.3	84.3
GE	1000	72.3	77.8	80.8	92.5	33.8	94.J	25.3	45.9	35.9	76.4	66.7	66.7	∂6.7
ÇΣ	900	72.7	78.2	31.4	33.4	34.5	35.9	45.4	57.3	37.3	ა7. პ	88.0	38.0	Pr. 3
GE	800	72.7	76.2	81.4	33.7	35.4	36.5	87.2	38.2	34.2	28.7	6.88	86.9	58.9
GE	700	72.9	78.5	81.9	P4.3	36.3	97.5	49.4	49.4	39.8	90.3	90.5	90.9	41.0
GE	600	72.9	78.6	81.9	84.3	მნ ∙7	87.9	99.0	90.5	90.8	91.4	91.5	92.0	92.1
GE	500	72.9	78.6	82.2	34.7	37.2	38.9	90.3	91.9	92.0	93.1	93.4	93.4	93.9
ניר	400	72.3	78.6	8 2.2	45.0	d7.5	ಕ9∙ಕ	91.5	94.0	74.3	35.5	96.3	46.6	96.5
SE	300	72.9	79.7	82.3	95.2	33.0	90.1	92.0	74.3	75.1	96.8	98.3	98.6	98.9
GE	200	72.9	79.7	92.3	85.3	89.2	90.3	92.1	94.9	95.3	96.7	98.3	99.4	33° 4
GE	100	72.9	7A.7	82.3	85.3	83.2	90.3	92.1	94.9	95.3	96.9	99.9	99.4	99.2
S5	იიი	72.9	78.7	82.3	35.3	83.2	90.3	92.1	94.9	95.3	96.9	98.9	99.4	99.3

TOTAL NUMBER OF DASERVATIONS 302

	E: VOLK + 6	C FLO AN	165 AI			PERIOD MONTH:	H VEF	DURS: 0	9-11	JOL 88			
.	• • • • • •		**************************************	STATUTE		• • • • • •	•••••	•••••	•••••	••••			
	3Ē '	GË	GE	GE	GE	GE	GE	GE	GE	GE	ŝĒ	GE	
ŀ	ن ز	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	C	
Ĺ.,								• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
	30.7	36.3	37.2	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	· · · -
ł			43.4	7.7 ú	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	
Ĭ.	42.1	42.3	42.5	42.8 42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	
ľ	42.3	42.4	42.3 42.9	43.0	43.5	43.0	43.1	43.1	43.1	43.1	43.1	43.1	
ľ	42.4	42.5	43.6	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.7	43.9	
ľ	43.1	43.3 45.4	45.8	45.9	45.9	45.9	45.0	46.0	46.0	46.3	46.3	46.3	
ľ	45.3	49.4	40.0	4347	,,,,,	•							
L	(0.5	49.6	50.0	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	
ľ	49.5 50.2	50.4	50.7	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	
1	53.0	53.1	53.5	53.6	53.6	53.5	53.7	53.7	53.7	53.7	53.7		
ŀ	55.2	55.4	55.7	55.9	55.9	55.9	55.0	56.0	56.0	56.0	56.9	56.0	
	55.4	56.6	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57·2	
	79.4	20.0	31.0	,,,,,	214								
Į.	57.1	57.4	57.7	57.9	57.9	5 7. 9	53.0	58.0	58.0	53.0	55.0	56.0	
ľ	53.1	58.4	55.7	53.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	
ľ	57.9	60.1	60.5	50.7	50.7	50.7	60.5	60.5	60.8	60.8	60.3	60.3	
i,	5).8	51.1	61.5	51.7	61.7	61.7	61.8	61.3	61.8	61.ª	61.8	61.8	
ľ	52.0	62.2	52.5	62.8	62.8	62.8	63.0	63.0	53.0	53.0	53.0	63.0	
ľ	32 • 1	., 2. • 2.	32.03	,									
1	57.2	57.5	68.0	68.2	68.2	58.2	68.3	58.3	53.3	63.3	55.3	69.3	
Ľ	74.1	74.4	74.3	75.1	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	
14	75.3	76.2	75.5	76.8	75.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	
I,	79.2	79.7	30.2	90.8	80.8	81.0	81.2	81.2	81.2	31.2	31.2	81.2	
],	~2.0	32.7	A3.2	93.3	83.8	84.2	84.3	84.3	84.3	94.3	94.3	94.3	
1	2.0			-					_			34.3	
ļ	33.8	34.3	25.3	35.9	35.9	36.4	86.7	86.7	86.7	96.7	30.7	36 .7	
١,	34.8	35.9	85.4	d7.3	37.3	3 7. 8	88.0	88.0	28.0	34.0	34.0	88.9	
12	35.4	36.5	87.2	38.2	88.2	88.7	88.9	88.9	88.9	₩B.9		91.0	
1.	36.3	97.5	88.4	89.8	89.8	90.3	90.5	90.9	91.0	91.0	91.0	92.1	
3	36.7	87.9	89.0	90.5	90.8	91.4	91.5	92.0	92.1	92.1	92.1	72 • 1	
1								0	03.0	03.0	93.9	93.9	
1	37.2	38.9	90.3	91.9	92.0	93.1	93.4	93.9	93.9	93.9	96.d	95.9	
ty -	37.5	89.8	91.5	94.0	74.3	45.5	96.3	96.6	96.5	96.5 98.9		99.0	
1.	33.0	90.I	92.0	74.B	75.1	96.5	98.3	98.6	78.9	99.3	100.0	100.0	
13	83.2	90.3	92.1	94.9	95.3	96.9	98.9	99.4	99.8 99.8	99.5	100.0		
į,	98.2	00.3	92.1	94.9	95.3	96.9	99.9	99.4	79.8	2,4 0,	100+0	10010	
٤	вв . 2	90.3	92.1	94.9	95.3	96.9	98.9	99,4	99.8	99.8	100.0	100.0	

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS V FROM HOURLY OBSERVATIONS

STATIO)N N	IÙMBER:	726436	LST	TO UTC		C FLO AN	1k 80I			PERIOD MONTH:		CORD: A HOURS:
CEILIN	 .c	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••••		TV IN	STATUTE	MTLEC	• • • • • • •	• • • • • •	• • • • • • • •
IN	10	GE	GE	GE	GE	SE '	GE	GE	GE	GE	GE	GE	GE
FEET		7	5	5	4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/d
						• • • • • •					• • • • • •		
NO CEI	L	38.3	40.0	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
SE 200	000	44.0	45.8	45.9	46.1	46.1	46.1	45.1	45.1	46.1	46.1	46.1	46.1
GE 190		44.2	46.1	46.2	40.3	45.3	46.3	45.3	45.3	46.3	46.3	46.3	46.3
GE 160		44.3	46.2	46.3	46.4	45.4	46.4	45.4	46.4	46.4	45.4	46.4	46.4
GE 140		44.3	46.7	46.8	46.9	45.9	46.9	45.9	46.9	46.9	46.9	46.9	46.9
GE 120		47.5	49.4	49.5	49.B	49.8	49.8	49.8	49.3	49.8	49.3	49.8	49.B
00 120		****	• / • ·	* / • 5	· / •	77.0	4,40	1,10	,,,,,	4,4,5	1,4.,	,,,,,,	4 7 6 7.
GF 100	oo	50.1	52.1	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
	000	50.6	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
	000	52.3	54.3	54.6	54.3	54.8	54.8	54.8	54.8	54.8	54.4	54.6	-
	000	53.0	55.0	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
	000	55.0	57.1	57.5	57.8	57.9	57.9	57.9	53.0	53.0	58.0	58.1	58.1
GE 50	000	56.5	58.9	59.4	57.6	59.9	59.9	59.4	50.0	50.0	60.0	60.1	50.1
GE 45	00	57.3	59.4	59.9	50.1	50.5	50.5	63.5	50.6	50.5	50.5	61.0	61.0
GE 40	0.00	59.0	51.1	61.6	61.8	62.2	52.2	62.2	52.3	52.3	52.3	62.7	62.7
GE 35	00	59.5	61.6	62.1	62.3	62.7	52.7	62.7	52.9	62.6	62.4	53.2	63.2
GE 30	000	51.7	63.°	64.3	64.5	65.1	65.1	55.1	65.4	65.4	65.4	65.8	65.€
	00	65 • 전	68.2	67.1	59.5	77.4	70.4	70.4	70.7	70.7	70.7	71.1	71.1
	900	70.4	73.5	74.9	75.5	76.7	76.7	75.7	77.0	77.0	77.0	77.3	77.3
GE 18	00	71.2	74.5	76.2	77.1	73.4	76.4	78.4	75.7	79.7	79.7	79.1	79.1
GF 15	00	73.3	77.6	79.4	80.5	92.3	82.5	P2.5	32.8	32.8	65.4	93.3	83.3
GE 12	00	74.3	79.2	81.3	82.5	34.4	84.7	84.9	35.1	35.1	95.3	45 .7	85.7
		-										•	
	000	74.3	79.7	32.0	33.7	36.3	36.3	87.3	37.6	37.5	47.9	P8.2	88.2
	00	75.1	30.0	82.5	34.5	37.2	B7.9	A4.4	36.3	34.3	89.0	69.4	99.4
	00	75.4	80.7	33.7	85.6	89.3	99.4	90.1	90.9	30.9	91.1	91.6	91.6
	00	75.4	30.7	H4.2	36.5	89.4	90.5	91.5	92.2	92.2	92.6	93.2	93.2
GE 6	00	75.4	80.7	B4.4	97.3	90.8	91.9	93.0	93.7	93.7	94.3	95.0	95.0
GE 5	00	75.4	°0.7	34.9	∂8•2	91.6	93.0	94.2	95.0	95.1	95.7	96.6	96.6
	00	75.4	80.7	45.0	88.3	91.0	93.2	94.7	75.4	95.7	76.4	97.5	97.5
	00	75.4	80.7	85.0	38.3	91.9	93.2	94.3	95 .7	96.1	96.8	98.3	98.4
	00	75.4	30.7	85.0	88.3	91.9	93.2	95.1	95.9	96.3	97.0	98.6	99.0
	00	75.4	30.7	35.0	98.3	91.9	93.2	95.1	95.9	96.3	97.0	98.6	99.0
UE 1	UU	12.4	9041	37.0	20.3	7107	73.4	77 4 1	77.7	70.3	7140	70.0	7760
SE 0	00	75.4	50.7	35.0	83.3	91.9	93.2	95.1	95.9	96.3	97.0	98.6	99.0

TOTAL NUMBER OF OBSERVATIONS 812

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•	AME: VOL C: + 6	K FLD AF	14 894			MONTH:	NOV	ORD: AI HOURS:		JUL 'AB			
- [• • • • • •		47156	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	
				STATUTE	MILES	٠.	c.r	c s	c =	r r			
-	35	GE	SE	GE				GE 5/8	GE 143	GE	GE	GE	
•	3		2			1	-		1/2	3/8	1/4	0	
1		• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	
1	47.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	
1	46.1	45.1	45.1	45.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	
1	45.3	46.3	45.3	46.3	46.3	46.3	45.3	46.3	46.3	45.3	46.3	46.3	
4	45.4	46.4	45.4	46.4	46.4	45.4	46.4	46.4	46.4	46.4	45.4	46.4	
1	45.9	46.9	45.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9		
-	41.0	49.8	49.8	49.8	49.8	49.3	49.8	49.8	49.3	40 A	49.3	49.8	
1	4 7.00	→ → • (1	47.0	4740	7740	7760	7,611	4 / 6	- / • ·		* / * ·	4 · • • •	
1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	
- 1	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
4	54.3	54.8	54.8	54.8	54.9	54.9	54.6	54.8	54.8	54.8		54.3	
	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5			55.5	
1	57.9	57.9	57.9	58.0	53.0	58.0	58.1	58.1	58.1	59.1		58.1	
1	,	,, • ,	, , , ,	20.0	.,,,,	70.00	3011	33.1		2201	• /• •		
	59.9	59.9	59.7	50.0	50.0	60.0	60.1	50.1	60.1	50.1	50.1	50.1	
1	50.5	50.5	63.5	60.6	50.5	60.6	61.0	61.0	61.0	51.0	51.0	61.0	
ł	62.2	52.2	62.2	52.3	52.3	52.3	62.7	62.7	62.7	62.7			**
1	52.7	52.7	62.7	52.8	62.8	62.9	63.2	63.2	63.2	63.2		63.2	
ı	65.1	65.1	55.1	65.4	65.4	65.4	65.8	65.8	65.P	65.0	65.8		
4		37.	0,11	3341	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0,74.7	0,74.7	0,1			3, .	
1	70.4	70.4	70.4	70.7	70.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	
1	75.7	76.7	76.7	77.0	77.0	77.0	77.3	77.3	77.3	77.3			
1	73.4	78.4	78.4	75.7	78.7	79.7	79.1	79.1	79.1	79.1	79.1	79.1	
١	22,3	82.5	P2.5	32.8	82.8	82.9	93.3	83.3	83.3	83.3		33.3	
ı	34.4	94.7	84.9	35.1	35.1	85.3	85.7	85.7	55.8	85.8	35.P	95.8	
1			. • ,		.,,,,,				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
ł	56.3	36.3	87.3	97.6	37.5	97.9	P8.2	88.2	38.3	PB.3	90.3	ee.3	
ł	37.2	87.9	AB.4	38.3	38.8	89.0	89.4	89.4	89.5	89.5	69.5	89.5	
1	39.3	89.4	90.1	90.9	90.9	91.1	91.6	91.6	91.7	91.7		91.7	
ı	89.4	90.5	91.5	92.2	92.2	92.6	93.2	93.2	93.3	93.3			
1	20.8	91.9	93.0	93.7	93.7	94.3	95.0	95.0	95.1	95.1	95.1	95.1	
1		• •					,,,,	,					
ţ	91.6	93.0	94.2	95.0	95.1	95.7	96.6	96.6	96.7	96.7	96.7	96.7	
1	91.9	93.2	94.7	75.4	95.7	96.4	97.5	97.5	97.7	97.7	97.7	97.7	
1	91.4	93.2	94.3	95.7	96.1	96.8	98.3	98.4	98.9	98.9	99.0-	97.0	
ŀ	91.9	93.2	95.1	95.9	96.3	97.0	98.5	99.0	99.6	99.5		99.8	
ŀ	71.9	93.2	95.1	95.9	96.3	97.0	98.6	99.0	99.9	99.9	100.0	100.0	•
1													
4	91.9	93.2	95.1	95.9	96.3	97.0	98.6	99.0	99.9	99.9	100.0	100.0	
ł	• • • • • • •	•••••	• • • • • •	•••	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • •	
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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VEFOR HOURLY DISSERVATIONS

			726436	LST	ta utc	: + 6					MONTH:	OF RECO
	ILING					-	VISIBILI			MILES		• • • • • • • •
	IN	GE	GE	GE	GE	SE	GE	GE		GE	GE	GE
	EET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4
• •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •
NO	CEIL	39.5	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE	20000	47.4	48.9	44.9	45.9	43.9	48.9	43.9	48.9	48.9	48.9	48.9
GĘ	13000	48.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE	15000	46.0	49.4	49.4	49.4	47.4	49.4	49.4	47.4	49.4	49.4	49.4
GΕ	14000	49.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
SE	15000	52.5	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE	10000	55.1	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
ĢE	9000		57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
SE	8000	57.0	58.5	59.3	58.8	53.8	55.8	59.3	58.3	58.8	58.8	58.8
GE	7000	59.1	59.5	59.9	50.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
Gé	6000	60.1	61.8	62.1	62.1	62.1	52.1	62.1	52.1	62.1	62.1	52.1
GE	5000	60.3	61.9	52.5	52.5	62.5	62.5	62.5	52.5	52.5	62.5	62.5
GE	4500		63.6	54.3	54.3	64.3	64.3	64.3	54.3	54.3	54.3	64.3
SE	4000	64.0	66.0	56.7	56.7	65.9	66.4	66.7	56.9	56.9	56.9	66.9
GE	3500		55.7	67.5	67.5	67.6	67.6	67.6	67.6	67.6	57.5	67.6
ĞĒ	3000	58.0	70.0	71.5	71.5	71.9	71.9	71.9	71.9	71.9		
G E	2500	72.2	74.4	76.5	76.5	75.8	76.3	75.3	76.8	76.8	75.8	76.8
ĞĒ	2000	77.3	30.5	82.7	32.7	83.1	83.3	33.3	83.3	33.3	83.3	83.3
ĞĖ	1800	73.7	21.4	83.3	53.8	34.2	34.4	84.4	34.4	94.4	84.4	-
ĠE	1500	79.2	32.4	35.8	86.2	37.5	98.1	88.1	88.1	88.1	89.1	38.1
GE	1200	80.5	33.3	57.7	88.4	39.7	90.3	90.3				
GE	1000	81.3	35.1	39.7	90.4	91.7	92.3	92.3	92.3	92.3	92.3	92.5
GE	900	-	85.3	70.1	90.3	92.1	92.6	92.6	92.6	92.6	92.6	92.9
ĞÈ	300	81.6	95.5	90.4	91.4	92.5	93.2	93.6	93.6	93.6	93.6	93.9
GE.	700	91.6	85.7	90.3	92.1	93.9	94.5	95.0	95.2	95.2	95.2	95.5
ĢĒ	500	81.3	35.4	91.4	92.8	94.7	95.2	96.0	95.1	96.1	96.1	96.5
GE	500	81.3	35.a	91.5	93.0	95.2	OE 3	95.5	06.7	04 7	04.7	97.1
GE	400		95.4 95.4				95.3		96.7 95.9	96.7	96.7	
95 95	300	81.3 82.0	86.0	91.5 91.9	93.0 93.5	95•2 93•0	95.8 96.5	95.7 97.4	97.5	96.9 97.5	96.9	97.4
GE.	200	82.0	86.0	91.9	93.5	96.0	96.5	97.4	97.6	97.6	71.5	98.7
GE	100	82.0	36.0	91.9	93.6	95.0	96.5	97.4	97.6	97.6	_	-
	000	00.0	A 7 6	21.0	22.4	04.0	24.5	03 /	A. 7. /	07.4	07 /	00.7
GE		/	96.0									_

TOTAL NUMBER OF OBSERVATIONS 544

• •		ISTRILI		STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••	
	SE		GE		GE	GE	GE	GE	GE	ĢE	30	ĞE	+ +
	3	2 1/2	2 ,	1 1/2				5/8	1/2	3/8	1/4	0	
• •	• • • • • •	• • • • • • •	•••••		• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •		• • • • • •	
	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	. =
	43.9	48.9	43.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	40.9		
	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
	43.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
	57.0	57.0	57.0	57.0	57.0	5 7. 0	57.0	57.0	57.0	57.0	57.0	57.0	
	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
	53.8	58.8	58.3	58.3	58.8	58.8	58.8	58.8	58.8	58.8	53.7	54.5	
	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	
	52.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	52.1	62.1	
	62.5	62.5	62.5	52.5	52.5	62.5	62.5	62.5	62.5	62.5	52.5	62.5	
	54.3	64.3	64.3	54.3	54.3	54.3	64.3	64.3	64.3	64.3	64.3	64.3	
	66.9	66.9	66.7	66.9	56.9	56.9	66.9	66.9	66.9	66.9	66.9	66.9	• •
	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	57.t	67.6	
	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
	75.8	76.3	75.3	76.8	76.3	76.8	76.8	76.8	76.5	76.8	76.8	76.9	
	83.1	83.3	33.3	83.3	33.3	83.3	83.3	83.3	83.3	33.3	ძ3.3	33.3	
	34.2	84.4	84.4	34.4	34.4	84.4	34.4	84.4	84.4	84.4	P4.4	54.4	
	37.5	88.1	88.1	88.1	88.1	89.1	38.1	88.1	PR.1	28.1	38.1	86.1	
	39 .7	99.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	70.3	90.3	
	91.7	92.3	92.3	92.3	92.3	92.3	92.5	92.6	92.6	92.5	92.6	92.6	
	92.1	92.6	92.6	92.6	92.6	92.6	92.A	93.0	93.0	93.0	93.0	93.0	
	72.5	93.2	93.6	93.6	93.6	93.6	93.9	94.1	94.1	94.1	94.1	94.1	
	93.9	94.5	95.0	95.2	95.2	95.2	95.5	95.B	96.0	96.0	96.0	96.0	
	94.7	95.2	96.0	95.1	96.1	96.1	96.5	96.7	95.9	96.9	96.9	96.9	
	95.2	95.3	96.5	96.7	96.7	96.7	97.1	97.2	97.4	97.4	97.4	97.4	
	95.2	95.8	95.7	96.9	96.9	96.9	97.4	97.6	97.8	97.B	97.8	97.3	
	95.0	96.5	97.4	97.6	77.5	77.5	98.5	98.7	48.9	98.9	99.3	99.3	
	95.0	96.5	97.4	97.6	97.6	97.5	98.7	98.9	99.1	97.1	99.5	99.B	
	95.0	96.5	97.4	97.6	97.6	97.5	99.7	98.9	99.1	99.1	99.6	100.0	
	95.0	96.5	97.4	97.6	97.6	97.6	98.7	98.9	99.1	99.1	00 4	100.0	

OPERATING LOCATION "A" USAFETAC, ASHFVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI FROM HOURLY DESERVATIONS

				LST	TO UTC:	+ 6	C FLD AN				MONTH:		JRS: ALL
CEILI		•••••	• • • • • • •	• • • • • • •	• • • • • •				STATUTE		• • • • • • •	• • • • • • •	• • • • • • •
IN FEET		GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GÉ	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CE		36.4	37.8	38.3	38.5	34.7	38.8	39.0	39.0	39.0	39.0	39.1	39.1
GE 20 GE 18 GE 16 GE 14	000 000	42.2 42.4 42.5 43.4	43.8 44.1 44.2 45.1	44.5 44.8 44.9 45.3	44.7 44.9 45.0 45.9	44.9 45.1 45.2 46.2	45.0 45.2 45.3 46.2	45.1 45.4 45.5 46.4	45.2 45.4 45.5 46.4	45.2 45.4 45.5 46.4	45.2 45.4 45.5 46.4	45.2 45.5 45.6 46.5	45.2 45.5 45.6 46.5
GE 12		45.9	47.5	48.3	48.5	43.7	48.9	49.0	49.0	49.0	49.0	49.1	49.1
GE 9 GE 8 GE 7	000 000 000 000	48.5 49.0 50.9 52.0 53.7	50.5 51.0 52.8 54.2 55.9	51.4 51.9 53.6 55.3 57.1	51.6 52.1 54.2 55.7 57.5	51.9 52.5 54.6 56.1 57.9	52.0 52.6 54.7 56.2 59.0	52.2 52.7 54.9 56.4 58.2	52.2 52.8 54.9 56.4 58.3	52.2 52.8 54.9 56.4 53.3	52.2 52.8 54.9 56.4 58.3	52.3 52.9 55.0 56.5 53.5	52.3 52.9 55.0 56.5 58.5
GE 4 GE 4 GE 3	000 500 000 500	54.5 55.5 57.3 58.1	56.4 57.8 59.6 50.5	59.0 59.1 60.9 61.8	56.5 59.6 51.4 62.2	58.9 60.1 61.9 62.8	59.1 50.2 52.1 52.9	59.3 60.4 62.3 63.1	59.4 63.5 62.4 63.3	59.4 60.5 62.4 63.3	59.4 60.5 62.4 63.3	59.5 60.7 62.6 63.5	59.5 60.7 62.6 63.5
GE 2 GE 2 GE 1 GE 1	500 000 800 500 200	60.1 64.3 69.5 70.8 72.5 73.9	67.1 72.8 74.1 76.6 78.6	53.9 74.8 76.3 79.3 81.5	69.5 75.6 77.2 80.5 82.8	70.3 76.7 79.3 81.9	70.4 76.9 78.5 82.3 84.9	70.6 77.1 75.7 82.6 85.2	70.5 77.3 73.9 82.9 95.5	70.3 77.3 78.9 92.9 85.5	70.8 77.3 79.0 83.0 85.7	71.0 77.5 79.2 83.2 85.9	65.9 71.0 77.5 79.2 83.2 85.9
GE 1 GE GE GE	000 900 800 700 600	74.7 74.9 75.1 75.3 75.3	79.6 79.9 30.2 80.4 90.5	82.9 83.4 83.9 84.4 84.5	34.5 35.2 85.3 86.5	86.4 87.1 87.8 89.0 89.8	87.1 87.9 98.9 90.0	87.6 35.4 89.6 91.0	87.9 88.9 90.2 91.8 92.8	87.9 88.9 90.2 91.8 92.9	88.3 89.2 90.5 92.2 93.4	88.6 89.5 91.0 92.7 93.9	89.6 89.6 91.0 92.9 94.1
GE GE GE	500 400 300 200 100	75.3 75.3 75.4 75.4 75.4	30.5 80.5 30.5 80.5 80.5	84.8 84.9 85.0 85.0	87.5 87.7 87.9 87.9 87.9	90.3 90.7 90.9 91.0 91.0	91.7 92.1 92.4 92.4 92.4	92.9 93.6 94.0 94.1 94.1	93.9 95.0 95.5 95.6 95.6	94.0 95.2 95.8 95.9 95.9	74.7 96.0 96.7 96.9 96.9	95.2 96.9 98.1 98.6 98.6	95.4 97.1 98.4 99.0 99.0
G.F	000	75.4	80.5	55.0	87.9	91.0	92.4	94.1	95.6	95.9	96.9	98.6	99.0

TOTAL NUMBER OF DESERVATIONS 2431

- 1 N. A.	AME: VOL	V 510 A	uco ut			ornen	25 256	000	a =	0.5			
	ATT: VUL C: + 6	K FLU AT	ACB MI					URS: AL		JUL 88			
1							_		-	• • • • • •		•••••	
1		AIZIBIF											
	GE	GE	SE	GE	GE		GE		GE	GF	GE	GE	
· F	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/ 8	1/2	3/8	1/4		
1	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	
.5	33.7	39.8	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	
}		_ •				• / • •	2,00			2	, , ,	2701	
4.7	44.9	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	
4.9	45.1	45.2	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	
0.0	45.2	45.3	45.5	45.5	45.5	45.5	45.6	45.6	45.7	45.7	45.7	45.7	• • • • • • •
3 0.0	46.2	46.2	46.4	46.4	46.4	46.4	46.5	46.5	46.6	46.5	46.5	46.6	
7.5	43.7	48.8	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	
1.5	51.9	52.0	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	
7.1	52.5	52.6	52.7	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	
12	54.6	54.7	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	
7 . 7	56.1	56.2	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	
	57.9	58.0	58.2	58.3	53.3	58.3	53.5	58.5	58.5	59.5	58.5	58.5	
					- *					,,,,		~ • >	
. ,	53.9	59.1	57.3	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	
1.5	50.1	50.2	67.4	60.5	50.5	60.5	60.7	60.7	60.8	60.8	60.3	60.3	
1.4	51.9	52.1	62.3	52.4	62.4	52.4	62.6	62.6	62.6	62.6	62.6	62.6	
2.2	52.3	52.9	63.1	63.3	63.3	63.3	63.5	63.5	63.5	63.5	53.5	63.5	
75	65.2	55.4	65.6	65 .7	65.7	65.7	65.9	65.9	66.0	66.0	66.7	66.0	
1.5	70.3	70.4	70.6	70.5	70.8	70.5	71.0	71.0	71.0	71.0	71.0	71.0	
100	75.7	76.9	77.1	77.3	77.3	77.3	77.5	77.5	77.6	77.6	77.6	77.6	
17.2	73.3	78.5	75.7	75.9	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	
	81.9	92.3	32.5	32.9	82.9	83.0	83.2	83.2	83.3	83.3	93.3	93.3	
	94.4	84.9	85.2	95.5	85.5	85.7	95.9	85.9	86.0	86.0	46.0	96.0	
1								-			·		
.,,	85.4	67.1	87.6	37.9	87.9	88.3	88.6	88.6	88.7	88.7	88.7	89.7	
2	97.1	87.9	35.4	88.9	88.9	89.2	89.5	89.6	69.7	89.7	39.7	89.7	
* • *	87.8	98.9	89.6	90.2	90.2	90.5	91.0	91.0	91.1	91.1	91.1	91.1	
7:5	49.0	90.0	91.0	91.8	91.8	92.2	92.7	92.9	93.0	93.0	93.0	93.0	
₹′′′′	89.8	90.8	91.9	92.8	92.9	93.4	93.9	94.1	94.2	94.2	94.2	94.2	
7.5	90.3	91.7	92.9	93.9	94.0	94.7	95.2	95.4	95.6	95.6	95.6	95.6	
7.7	90.7	92.1	93.6	75.0	95.2	96.0	96.9	97.1	97.3	97.3	97.3	97.3	
7.)	70.9	92.4	94.0	75.5	95.8	96.7	98.1	98.4	98.7	98.7		98.9	
7.9	91.0	92.4	94.1	95.6	95.9	96.9	98.6	99.0	99.4	99.4	99.7	99.8	
7.3	91.0	92.4	94.1	95.6	95.9	96.9	98.6	99.0	99.5	99.5		100.0	
7.7	91.0	aa 4	04.3	05 (25.2	04 5	00 1	00.0					
1		92.4	94.1	95.6		96.9	98.6	99.0	99.5	99.5	99.3	100.0	

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OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI FROM HOURLY OBSERVATIONS

STATION N			LST	TO UTC	+ 6					HTMCM:	DEC	ORD: AL HOURS: (
CETLING	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • • • •
CEILING IN	GE	CE	o c	o g	GE	GE	GE .	GE		GE	G.F.	CE
FEET	, 7	6 6		4	3		2				3/4	5/8
• • • • • • • •												
			••••									
NO CEIL	32.7	33.5	35.6	36.6	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 20000	34.5	35.2	37.3	38.4	38.4	38.4	33.7	33.7	38.7	38.7	38.7	38.7
GE 18000	34.5	35.2	37.3	38.4	33.4	38.4	39.7	33.7	38.7	38.7	38.7	38.7
GE 15000	34.5	35.2	37.3	38.4	38.4	38.4	38.7	38.7	38.7	38.7	38.7	38.7
GE 14000	34.9	35.6	37.7	39.1	39.1	39.1	39.4	39.4	39.4	39.4	39.4	39.4
GE 12000	37.0	33.0	40.1	41.5	41.5	41.5	41.9	41.9	41.9	41.9	41.9	41.9
GE 10000	39.3	41.2	43.3	44.7	44.7	44.7	45.4	45.4	45.4	45.4	45.4	45.4
SF 9000	40.1	41.5	43.7	45.1	45.1	45.1	45.8	45.8	45.8	45.5	45.9	45.H
GE 9000	43.0	44.4	46.5	47.9	47.9	47.9	49.5	49.6	48.3	48.5	48.6	48.5
GE 7030	43.3	44.7	46.8	48.2	48.2	49.2	45.9	48.9	48.9	48.9	43.9	48.9
GE 6000	44.7	46.1	48.2	49.5	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7
GE 5000	45.8	47.5	49.6	51.1	51.4	51.4	52.1	52.5	52.5	52.5	52.5	52.5
GE 4500	46.1	47.9	50.0	51.4	51.8	51.8	52.5	52.8	52.3	52.5	52.8	52.0
SE 4000	47.2	48.9	51.4	52.5	53.2	53.2	53.9	54.2	54.2	54.2	54.2	54.2
GE 3500	47.5	43.3	51.8	53.2	53.5	53.5	54.6	54.9	54.9	54.9	54.9	54.9
GE 3000	50 .7	52.5	54.9	55.7	57.0	57.0	5A.5	58.8	53.8	58.8	58.8	58.8
SF 2500	52.1	53.9	56.3	58.1	53.5	58.5	59.9	60.2	60.2	50.2	60.2	60.2
GE 2000	56.3	58.1	60.6	62.7	64.1	64.4	66.2	66.5	66.5	66.5	66.5	66.5
SE 1800	56.7	58.5	61.3	63.4	64.3	55.1	66.9	67.3	67.3	67.3	67.3	67.3
GE 1500	60.2	63.0	66.5	68.7	70.1	70.4	72.5	73.2	73.2	73.6	73.6	73.6
GE 1200	62.7	55.8	69.4	71.5	72.9	73.2	75.4	75.4	76.4	76.ª	76.9	76.8
GF 1000	64.4	58.0	71.5	74.3	75.7	75.4	73.9	40.3	30.6	31.0	81.0	81.0
GF 900	65.1	63.7	72.5	75.4	75.8	77.5	77.9	81.3	31.7	82.0	82.0	82.0
GE 800	65.5	69.4	73.5	76.4	78.2	78.9	81.3	53.1	33.5	93.P	83.8	83.€
GE 700	65.8	69.7	74.3	77.5	79.9	80.6	83.5	85.2	85.6	85.9	85.9	85.9
GE 600	65.8	69.7	74.6	74.5	81.3	92.6	54.9	36.6	87.0	87.7	88.0	88.0
GE 500	66.2	70.4	75.4	79.6	82.4	33.5	85.6	99.4	89.8	90.8	91.2	91.2
GE 400	66.2	70.4	75.4	79.6	62.4	63.8	87.3	90.5	90.8	91.9	92.6	92.6
GE 300	66.2	70.4	75.4	79.6	82.4	84.2	83.0		91.5	92.5	93.3	93.7
GE 200	66.2	70.4	75.4	79.5	R2.4	84.2	0.58	91.5	91.9	93.0	94.4	94.7
GE 100	66.2	70.4	75.4	79.6	A2.4	84.2	89.0	91.5	91.9	93.0	94.7	95.1
GE 000	66.2	70.4	75.4	79.6	82.4	84.2	68.0	91.5	91.9	93.0	94.7	. –

TOTAL NUMBER OF DBSERVATIONS 284

·				IG 73 - 06-08							K FLD AN	+ 6	HTC
	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	MILES	STATUTE	TYIN	visibii i		• • •
	GF	GE	GE	GĒ	GE	GE	GE	GE	GE	GE	GE	ĜE	;-
	0	1/4	3/8	1/2	5/8	3/4	1	1 1/4	GE 1 1/2	2	2 1/2	3	4
	• • • • •	• • • • • •	•••••	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •		• • •
	36.6	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	٠.
	38.7	36.7	36.7	36.7	38.7	38.7	38.7	38.7	38.7	33.7	38.4	33.4	. 4
	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	39.7	38.4	33.4	. 4
	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	39.7	38.4	38.4	. 4
	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.1	39.1	. 1
	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.5	41.5	• ";
	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	44.7	44.7	. 1
	45.3	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.1	45.1	. 1
	48.6	43.5	48.6	48.5	48.6	48.6	48.6	45.3	49.6	48.6	47.9	47.9)
	48.9	48.9	48.9	48.9	48.9	48.9	49.9	48.9	48.9	45.9	48.2	43.2	. 2
	56.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.0	50.0	. 4
	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.1	51.4	51.4	. 1
	52.8		52.8	52.8	52.8	52.8	52.6	52.8	52.8	52.5	51.8	51.8	4
	54.2		54.2	54.2	-		54.2	54.2	54.2	53.9	53.2	53.2	, ,
	54.9		54.9	54.9			54.9	54.9	54.9	54.6	53.5	53.5	. 2
			58.5	58.8	58.8		58.8	58.8	58.8	54.5		57.0	, 7
	60.2	60.2	60.2	60.2	60.2	60.2	50.2	60.2	60.2	59.9	53.5	53.5	. 1
	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.2		64.1	. 7
	57.3	67.3	67.3	67.3		67.3	57.3	67.3	57.3	66.9		64.3	4
	73.6	73.6	73.6	73.6	73.6		73.6	73.2	73.2	72.5		70.1	. 7
	76.8	76.8	76.9	76.8	76.8	76.9	76.9	76.4	75.4	75.4		72.9	۴,
	51.0	81.0	81.0	81.0	81.0	81.0	31.0	30.6	30.3	73.9	76.4	75.7	. 3
	82.0	82.0	82.0	R2.0	82.0	82.0	82.0	91.7	81.3	79.9	77.5	75.8	. 4
	83.8				83.8	83.8	93.8	33.5	83.1	81.3	78.9	73.2	. 4
	86.3	35.9	85.9	85.9	85.9	85.9	85.9	85.6	85.2	83.5	80.6	79.9	۶.
	3P.7	88.4	88.4	88.4	88.0		87.7	87.0	36.6	94.9	92.0	31.3	.5
stargete	91.9	91.5	91.5	91.5	91.2	91.2	90.8	89.8	89.4	85.6	93.5	82.4	. 5
		93.7		93.7	92.6	92.6	91.9	90.8	90.5	87.3	63.8	62.4	. 6
	97.2			95.8	93.7				91.2		84.2	82.4	. 5
	96.6		96.5	96.9	94.7	94.4	93.0	91.9	91.5	83.0	84.2	32.4	. 5
	100.0	99.5	97.5	97.5	95.1	94.7	93.0	91.9	91.5	88.0	84.2	82.4	. 6
	100.0	99-6	97.5	97.5	95.1	94.7	93.0	91.9	91.5	68.0	84.2	92.4	• 5

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI3 FROM HOURLY OBSERVATIONS

STÄTION	NUMBER:	726436	LST	TO UTC	: + 6					MONTH:	DEC	DRD: A	
CELLING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • •	• • • • • •	• • • • • • •	• • • •
CEILING IN	GE	GE	GE	GE	GE	GE ATSTRICT	GE	GE	GE	GE	GE	GE	G,
FEET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	17.
******	-	_			-	• • • • • • •			• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • •
NO CEIL	33.6	34.4	35.2	35.9	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36
GE 20000	39.2	40.0	40.8	41.8	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42
GE 18000	39.2	40.9	40.3	41.8	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42
GE 16000	39.2	40.0	40.8	41.3	42.5	42.5	42.6	42.5	42.5	42.5	42.6	42.6	42
GE 14000	40.0	40.8	41.7	42.8	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43
GE 12000	41.2	42.4	43.3	44.5	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45
GE 10000	43.7	45.4	46.5	47.3	43.5	48.5	43.7	45.7	48.7	48.7	48.7	48.7	4.6
GE 9000	44.2	45.3	45.8	48.1	43.8	48.9	49.1	47.1	49.1	49.1	49.1	49.1	49
GE 8000	46.9	49.5	49.5	50.3	51.5	51.6	51.3	51.3	51.8	51.8	51.8	51.3	51
GE 7000	48.1	49.6	50.7	52.0	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53
GE 6000	49.5	51.3	52.3	53.3	54.9	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55
GE 5000	50.5	52.3	53.6	55.0	55.2	55.3	55.5	55.5	56.6	56.6	56.6	56.6	5,6
GE 4500	51.1	53.3	54.6	56.0	57.2	57.4	57.5	57.0	57.6	57.6	57.6	57.6	57
GE 4000	52.1	54.7	55.1	57.5	53.6	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59
GE 3500	52.9	55.5	56.9	58.3	59.6	59.9	60.1	50.2	60.2	60.2	60.2	60.2	60
GE 3000	54.1	56.7	59.5	59.9	61.5	51.7	62.0	62.1	62.1	62.1	52.1	62.1	52
GE 2500	55.9	58.5	50.2	51.5	63.3	53.5	53.7	63∙8	53.9	63.8	63.8	63.8	53
GE 5000	58.9	61.9	63.6	65.0	67.0	67.3	67.5	55.9	55.0	68.1	68.2	58.2	63
SE 1800	60.1	63.4	65.3	55 .7	63.7	68.9	69.1	69.6	59.6	69.7	69.8	69.8	£ 9
GE 1500	62.7	56.3	68.9	70.5	72.9	73.2	73.9	74.5	74.5	74.6	74.9	74.9	75
GE 1200	65.3	69.2	71.9	73.7	76.4	76.9	77.5	78.3	78.3	79.4	78.6	78.6	7 4
GE 1000	66.5	71.1	74.2	76.5	79.5	79.9	33.5	81.6	91.5	81.9	82.4	82.6	P 2
GE 900	67.1	71.7	74.9	77.3	80.4	80.9	91.5	92.6	32.6	33.0	d3.5	83.7	a 3
GE 300	67.4	72.1	75.4	78.2	81.5	32.0	82.9	84.0	34.0	84.5	85.0	85.2	65
GE 700	67.6	72.4	75.8	7d • 8	32.2	82.9	33.5	95.4	85.6	86.5	87.0	87.2	57
GE 600	67.3	72.8	76.4	79.3	93.1	94.0	A5.0	37.0	87.1	89.5	89.0	89.3	9
GE 500	68.2	73.4	77.3	80.4	84.2	85.2	55.3	99.1	39.3	91.3	91.9	92.3	92
GE 400	68.2	73.4	77.3	30.5	94.4	55.6	85.7	39.8	90.0	92.1	93.1	93.8	94
65 300	68.2	73.4	77.3	80.5	84.4	85.5	87.0	90.1	90.5	92.3	93.8	94.5	96
GE 200	68.2	73.4	77.3	80.5	84.4	85.6	87.0	90.1	90.5	93.1	94.4	95.5	97
GE 100	68.2	73.4	77.3	80.5	94.4	35.6	37.0	90.1	90.5	93.1	94.4	95.5	97
GE 000	68.2	73.4	77.3	80.5	34.4	85.6	87.0		90.5	93.1	94.4	95.5	97

TOTAL NUMBER OF DESERVATIONS 852

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	UTS:	+ 6	K FLD AM				MONTH:	DEC	HOURS:	09-11	JUL 88			
- 1					STATUTE		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	
	-	SĒ	GÉ	6Ē			GE	GE	GE	GΕ	GE	GE	GE	
	j.	3			1 1/2	1 1/4	1	3/4	5/8	1/2	3/3	1/4	0	
4	• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	*****	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
4	• 0	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	
3	• 15	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	
A	• =	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.5	42.6		42.6	
J	• 5	42.5	42.5	42.6	42.5	42.6	42.5	42.6	42.6	42.6	42.6	42.5	42.6	
1	•	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	
	• 5	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3			
1	. 5	43.5	48.5	43.7	45.7	48.7	48.7	48.7	48.7	48.7	48.7	43.7	48.7	
	• 1	43.8	48.9	49.1	47.1	49.1	49.1	49.1	49.1	49.1	49.1		49.1	
7	• 3	51.5	51.6	51.3	51.3	51.8	51.8	51.6	51.8	51.8			51.8	
1	23	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1				
1	•	54.9	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2			
1	• .	55.2	55.3	56.5	55.6	56.6	56.5	56.6	56.6	56.6	56.5	55.6	<i>5 (</i>	
	• J	57.2	57.4	57.5	57.0	57.5	57.6	57.6	57.6	57.6	57.6		56•5 5 7• 6	
	. 5	53.8	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	57.5 57.4	59.4	
	. 3	59.5	59.9	60.1	50.2	60.2	60.2	60.2	60.2	60.2				
	· á	51.5	51.7	52.0	62.1	62.1	62.1	52.1	62.1	52.1	60.2 62.1	40.2 42.1	50.2 62.1	
l		42.3	٠, د	4 . 7	4.3	(3.3	() 2							
	• >	53.3	53.5	53.7	63.8	53.4	53.3	63.8	63.8	53.8	63.5			
	•)	57.0	67.3	67.5	55.0	68.0	58 · 1	68.2	58.2	63.2	68.2	68.2	53.2	
•	• 7	63 . 7		69.1	69.6	59.6	69.7		69.8	59.3	69.2			
	• 15	72.9		73.9	74.5	74.5	74.6	74.9	74.9	75.0	75.7	75.1	75.1	
1	. 7	76.4	76.9	77.5	78.3	78.3	78.4	78.6	78.6	78 .9	78.9	79.0	79.0	
	• 5	79.5	79. 3	33.5	81.5	91.5	A1.9	92.4	82.6	A2.9	43.0	93.1	83.1	
	• 3	30.4	eo.9	91.5	42.6	32.6	33.0	d3.5	83.7	93.9	84.3	34.2	84.2	
ł	• 2	31.5	32.0	82.9	84.0	34.0	94.5	e 5. 0	85.2	£5.4	55.5	85.7	95.7	
1	• "	-2.2	82.9	33.8	95.4	85.6	86.5	87.0	87.2	87.4	87.5	87.7	37.7	
•	. 3	23.1	94.0	85.0	87.0	87.1	89.5	89.0	89.3	89.7	39.8	90.0	90.0	
5	. 4	84.2	85.2	56.3	99.1	39.3	91.3	91.9	92.3	92.7	92.8	91.1	93.1	
.)	• 5	94.4	85.6	85.7	39.8	90.0	92.1	93.1	93.8	94.6	94.7	95.0		
٠,٠	• 5	34.4	85.6	87.0	90.1	90.5	92.3			96.4			97.3	
1	• F	94.4	85.6	87.0	90.1	90.5	93.1	94.4	95.5	97.2	97.3	99.2		
	. 5	94.4	35.6	37.0	90.1	90.5	93.1	34.4	95.5	97.4	97.7	99.5	100.0	
	. 5	34.4	85.6	87.0	90.1	90.5	93.1	94.4	95.5	97.4	97.7	99.5	100.0	
•	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	••••	• • • • • • •		*****	

OPERATING LUCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF DECURRENCE DE CEILING VERSU FROM HOURLY OBSERVATIONS

• • • • • 1	LING	• • • • • •	•••••	• • • • • •	• • • • • •		1 114121		STATUTE		•••••	• • • • • •	• • •
	IN	GE	GF	GE	SE		GÉ	SE.	GE	GE	GE	GE	(
	ET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5.
• • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••
NO	CEIL	39.5	40.1	40.6	40•8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	4
GE.	20000	47.3	49.2	48.7	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	4
ĢΕ	14000	47.5	45.4	43.9	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	4
GF	15000	47.5	49.4	48.9	49.4	49.5	49.5	47.5	49.5	49.5	49.5	49.5	4
GE	14000	48.4	49.4	49.8	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	5
GE	12000	49.1	50.1	50.5	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	5
GE	10000	51.9	53.2	53.9	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	5
GΕ	3000	51.9	53.2	53.9	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	5
GΕ	3000	55.1	56.5	57.2	57.7	57.8	57.3	57.8	57.3	57.8	57.3	57.8	5
GE	7300	56.0	57.7	59.4	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	5
GΞ	6000	5 7. 3	59.4	60.1	50.9	61.4	61.5	61.5	61.5	61.5	61.5	61.5	ć
GE	5000	58.9	50.7	51.4	62.1	62.7	62.3	62.8	62.9	52.9	52.9	52.9	5
GE	4500	59.2	61.1	52.0	52.7	63.3	53.4	63.4	53.5	53.5	63.5	63.5	ó
GΞ	4000	59.9	61.8	62.7	63.4	64.0	54.1	64.3	54.4	54.4	64.5	64.6	6
GE	3500	60.4	52.2	63.2	63.9	64.4	64.6	54.3	64.9	64.9	65.0	65.0	6
GE	3000	61.8	63.6	64.6	65.3	65 . 8	65.0	65.2	66.3	66.3	66.5	65.5	6
GE	2500	63.7	66.3	57.4	68.1	58.7	69.9	69.0	69.2	69.2	69.5	69.5	6
GĘ	2000	67.0	59.9	71.0	71.7	72.3	72.5	72.9	73.2	73.2	73.7	73.7	7
ĞΞ	1300	68.2	71.2	72.4	73.1	73.7	74.2	74.4	74.9	74.9	75.3	75.3	7
GE	1500	71.2	75.1	76.5	77.3	79.5	78.9	79.6	30.1	80.1	80.6	30.7	8
GE	1200	72.5	76.4	78.4	79.4	80.7	81.2	81.9	32.5	92.5	55.9	83.0	8
GE	1000	73.9	78.5	30.2	32.2	83.5	84.1	84.9	35.5	45.3	96.5	87.0	3
GE	900	73.9	78.5	30.2	82.5	84.0	84.6	85.4	86.2	36.4	37.1	R7.6	ě
GΈ	900	73.9	78.6	80.5	92.7	84.4	85.3	86.3	97.3	37.5	98.2	88.R	8
GF	700	73.9	78.8	80.9	33.4	85.4	86.5	87.3	89.0	89.2	89.9	90.5	9
GE	600	74.5	79.4	31.6	84.1	86.1	87.3	88.5	89.9	90.3	91.1	91.9	ď
GE	500	74.6	79.6	82.1	34.8	86.8	88.0	89.2	91.1	91.7	93.1	94.5	ç
GF	400	74.6	79.6	82.1	34.3	86.8	63.1	89.6	91.7	92.3	93.7	95.7	9
GE	300	74.5	79.6	82.1	84.8	86.8	88.1	39.8	91.3	92.6		95.4	9
GE	200	74.6	79.6	82.1	84.8	85.3	89.1	89.8	91.9	92.6	94.0	76.6	
GE	100	74.5	79.6	92.1	84.8	86.8	88.1	89.8	91.9	92.6	94.0	96.6	٩
GE	000	74.5	79.6	92.1	34.5	86.8	88.1	89.5	91.9	92.6	94.0	96.6	ç

TOTAL NUMBER OF OBSERVATIONS 855

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	E: VOL + 6	K FLU AN	IL BDI			PERIOD MONTH:	OF REC	HOURS:	JG 73 - 12-14	JUL 33			
• • •	• • • • •	victati i		STATUTE		•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	
}	GE	GÉ	GE			C.E	GF	GE	GE	68	GE	GĖ	
ł	3	2 1/2	5		1 1/4				1/2		1/4	0	
I													
}	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.3	40.9	- •
1:	47.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	
	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5		
٠,	47.5	49.5	47.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	
1	50.4	50.4	50.4	50.4	50.4	50.4	50.4		50.4	50.4	50.4		
,	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
i													
,	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	
	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	
7	57.8	57.5	57.3	57.3	57.3	57.3	57.8	57.3	57.6	57.5 °	57.3	57.8	
	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1		59.1	59.1	
-	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	51.5	61.5	61.5	61.5	
1	62.7	62.3	62.3	62.9	52.9	52.9	52.9	62.9	62.9	62.9	62.9	62.9	
, 7	63.3	53.4	53.4	53.5	63.5	63.5	63.5	63.5	63.5	63.5	53.5	63.5	
4	54.0	54.1	54.3	54.4	54.4	64.5	64.6		64.6	64.6	64.6	64.6	
! -	54.4	64.6	64.8	64.9	64.9	65.0	65.0		65.0	65.0	65.0	65.0	
! :	55.3	65.0	66.2	66.3	66.3	66.5	65.5		66.5	66.5	66.5	66.5	
. 1	50.7	68.3	59.0	69.2	59.2	59.5	69.5	69.5	69.5	69.5	59.5	69.5	
. 7	72.3	72.5	72.9	73.2	73.2	73.7	73.7		73.7	73.7	73.7	73.7	
. 1	73.7	74.2	74.4	74.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
	73.5	73.9	79.5	30.1	90.1	82.6	d0.7	80.7	90.7	80.7	80.7	AC.7	
4	A0.7	81.2	81.9	32.5	92.5	82.9	83.0	83.0	83.0	83.0	93.0	83.0	
,	33.5	84.1	84.9	35.5	35.3	46.5	87.0	37.1	£7.1	67.1	37.1	87.1	
,	84.0	34.5	85.4	86.2	36.4	37.1	A7.6	87.7	87.7	87.7	67.7	87.7	
. 7	34.4	85.3	85.3	97.3	37.5	98.2	88.8	83.9	59.9	83.9	58.9	85.9	* * *
4	35.4	86.5	87.3	89.0	89.2	89.9	90.5	90.6	90.6	90.6	90.5	90.6	
·	86.1	37.3	88.5	89.9	90.3	91.1	91.9	92.0	92.0	92.9	92.0	92.0	-
• •	85.8	85.0	87.2	91.1	91.7	93.1	94.5		94.7	94.7	94.7	94.7	
• 1.	85.8	88.1	89.6	91.7	92.3	93.7	95.7		95.9	96.0	95.4	95.4	
, i	35.8	88.1	99.B	91.9	92.6	94.0	95.4	96.7	96.7	97.5	97.3		
• •	a5.3	89.1	A9.8	91.9	92.6	94.0	96.6		97.8	98.4	99.1	99.2	
• •	85.B	88.1	89.8	91.9	92.6	94.0	96.6	97.0	98.1	98.7	99.6	99.9	
, ,	35.8	88.1	89.8	91.9	92.6	94.0	96.6	97.0	98.1	99.7	99.5	100.0	
• • • •				• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	* * * * * * *	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS V FROM HOURLY OBSERVATIONS

ST.	NOTTA	NUMBER:	726436	LST	יסדנו כד						PERIOD MONTH:	DEC	HOURS:
CE.	ILING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • • • •
	IN	GE	GE	GE	GE	GE	GE	GE	GF	GE	GE	GE	GE
	EET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	i	3/4	5/3
• •	• • • • • •			•••••	• • • • • •		• • • • • •	• • • • • •		• • • • •	• • • • • •	• • • • • •	
СN	CEIL	41.9	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
							_						
	20000	_	49.8	47.5	50.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	13000		50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
	15000		50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
	14000	50.2	51.0	51.3	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE	12000	50.4	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
SE	10000	53.3	54.6	54.5	54.3	54.3	54 • d	54.8	54.8	54.8	54.F	54.∂	54.4
GE	7000	54.0	54.8	54.8	54.9	54.9	54.9	F4.9	54.9	54.9	54.9	54.9	54.9
GE	9000	56.5	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE	7000	58.4	59.1	59.1	59.3	52.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE	6000	59.9	50.6	60.5	51.2	51.6	51.6	61.6	51.6	61.6	61.6	61.6	01.5
GE	5000	61.5	62.4	62.7	63.1	53.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE	4500	62.4	63.1	53.5	63.9	54.3	54.3	04.3	64.3	64.3	54.3	64.3	54.3
GĒ	4000	63.5	54.3	54.5	55.0	65.4	65.4	65.4	55.4	65.4	65.4	65.4	65.4
GΕ	3500	63.7	54.4	64.8	55.2	65.6	55.5	55.6	55.6	55.6	65.6	65.5	65.6
GE	3000	65.4	66.2	65.5	66.9	57.5	57.9	57.9	68.1	69.1	68.1	68.1	58 . 1
GF	2500	68.4	69.8	70.5	70.9	71.5	71.9	71.9	72.1	12.2	72.2	72.2	72.2
GE	2000	71.9	73.2	74.0	74.3	75.3	75.9	75.2	76.4	76.5	76.6	76.5	75.5
SE	1800	72.3	74.5	75.3	75.7	76.6	77.2	77.6	77.5	77.9	77.9	77.9	77.9
GE	1500	76.6	7º.7	79.8	30.2	82.3	R3.1	მ3.5	43.7	83.8	83.9	33.8	83.3
GE	1200	77.5	90.0	81.4	82.1	84.5	95.4	⁹ 5.9	86.5	96.7	37.1	5 7.1	87.1
GE	1000	78.9	81.5	33.1	33.5	86.9	87.5	88.2	59.0	39.2	49.5	39.9	29.0
GE	900	78.9	81.6	33.1	84.0	87.1	98.0	84.6	39.5	69.7	90.1	30.5	90.5
GE	800	78.3	81.6	33.3	34.3	87.8	89.0	89.5	90.5	90.7	71.3	91.6	91.6
GE	700	78.9	81.6	83.7	35.7	89.0	20.1	90.7	91.6	91.3	92.4	92.A	92.9
GE	600	78.9	81.7	83.6	85.9	99.4	90.5	91.1	92.2	92.5	93.2	93.5	93.5
GE	500	78.9	81.7	34.2	36.3	39.7	90.9	91.8	73.3	93.7	94.7	95.4	95.4
GE	400	78.9	81.7	84.2	56.3	89.7	90.9	91.5	93.5	94.1	95.2	96.4	96.4
GE	300	78.9	91.7	84.2	86.3	37.7	90.9	91.3	93.5	94.1	95.2	96.A	97.0
GE	200	78.9	31.7	94.2	86.3	99.7	90.9	91.8	73.5	94.1	95.2	96.8	97.0
GE	100		81.7	84.2	80.3	89.7	90.9	91.9	93.5	94.1	95.2	96.3	97.0
GF	000	78.9	81.7	84.2	86.3	89.7	90.9	91.3	93.5	94.1	95.2	96.R	97.0
• • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • • • •		• • • • • • •	• • • • • •	• • • • • • •

TOTAL NUMBER OF DESERVATIONS 526

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •		STATUTE	ITY IN			• • • • • •
	GË	GE	GE	GE	GE	GE	GE	GE	GF	58	GE	GE	GE
	0	1/4	3/3	1/2	5/3	3/4	1	1 1/4	1 1/2		2 1/2	3	4
	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •		•••••	• • • • • • •	• • • • • •	• • • • • • •	
	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	್ರ•೨
	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	30.Z
	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	90.2
	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
	54.0	54.4	54.6	54.8	54.8	54.8	54.8	54.8		54.8	54.8	54.0	14.5
	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.4
	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5		59.5	59.5	59.5	59.3
	51.6	51.6	61.5	51.6	61.6	61.6	61.6	61.6	61.6	51.5	51.5	51.6	51.2
	63.5	53.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	53.5	53.1
	64.3	54.3	64.3	54.3	64.3	64.3	64.3	64.3	64.3	04.3	54.3	54.3	1,3.3
	65.4	55.4	65.4	55.4	65.4	65.4	65.4	65.4	25.4	55.4	65 • 4	55.4	15.0
	65.6	65.5	65.5	55.6	65.6	65.5	65.6	65.6	55. 6	55.6	55.6	65.6	55.2
	58 • 1	58.1	63.1	58 .1	68.1	68.1	68.1	69.1	68.1	67.9	67.9	57.5	55.3
	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.1	71.9	71.9	71.5	70.1
	76.5	75.5	76.6	76.6	75.5	76.6	75.6	76.5	76.4	75.2	75.9	75.3	74.3
	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9		77.6	77.2	75.6	75.7
	83.8	93.4	83.9	33.8	83.3	33.8	83.9	83.8	33.7	ძ3.5	23.1	A2.3	√0 • ?
	87.1	87.1	87.1	57.1	87.1	5 7.1	37.1	96.7	46.5	95.9	35.4	84.5	·· 1
	89.9	HY.9	89.9	89.9	89.0	39.9	39.5	39.2	59.0	83.2	ġ 7. 5	45.9	:3.5
		90.5	90.5	90.5	90.5	90.5	90.1	69.7	39.5	94.6	88.0	37.1	~4.0
-	91.6	71.6	91.5	91.5	91.6	91.6	91.3	90.7	90.5	69.5	59.0	97.9	* * * *
		93.0	93.0	93.0	92.8	92.A	92.4	91.8	91.5	90.7	70.1	83.0	15.7
	93.7	73.7	93.7	73.7	93.5	93.5	93.2	92.5	92.2	91.1	90.5	49.4	-5.9
	95.6	95.6	95.6	95.6	95.4	95.4	94.7	93.7	73.3	91.5	90.9	39.7	19.3
		95.6	95.5	95.6	96.4	96.4	95.2	94.1	93.5	91.5	90.9	39.7	:5.3
		97.3	97.3	97.1	97.0	96.8	95.2	94.1	93.5	91.3	90.9	39.7	.5.3
		93.7	98.3	97.9	97.0	96.A	95.2	94.1	93.5	91.8	90.9	39.7	14.3
	100.0		99.3	97.9	97.0	96.3	95.2	94.1	93.5	91.9	90.9	99.7	₹0.7
	100.0	99.0	94.3	97.9	97.0	96.8	95.2	94.1	93.5	91.3	90.9	87.7	25.3

OPERATING LOCATION MAM USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI

ST	ATION N	IUMBER:	726436	LST	to otc	+ 6					MONTH:	DEC HOU	JRD: AU JRS: ALL
· ·		•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	/1 C T G T L T	TV IN	STATUTE	23.11	• • • • • • •	• • • • • • •	•••••
	ILING In	GE	GE	GE	GE	GE '	GE	3E	GE	GE	GE	GE	GF
	EET	7	6	5	4	3	2 1/2	2		1 1/4	ī	3/4	5/e
									• • • • • • •		_		
ВN	CEIL	37.2	37.9	38.5	39.0	39.3	39.3	37.3	39.3	39.3	39.3	39.3	39.3
	20000	43.5	44.3	45.0	45.5	45.7	45.9	45.7	45.0	46.0	45.0	46.0	46.0
	18000	43.6	44.4	45.1	45.7	46.0	46.0	45.1	45.1	46.1	46.1	45.1	46.1
	15000	43.5	44.4	45.1	45.7	46.0	45.0	45.1	46.1	45.1	46.1	46.1	46.1
	14000	44.4	45.3	45.9 47.0	46.7 47.¤	47.0 49.1	47.0 48.1	47.0 43.2	47.0 48.2	47.0 49.2	47.0 48.2	47.0 48.2	47.0
G#	12000	45.3	46.3	47.0	41.0	43.1	40.1	43.4	40.2	40.6	4004	40.6	48.2
C.E.	10000	43.2	49.5	50.3	51.1	51.4	51.5	51.6	51.6	51.6	51.5	51.6	51.0
G.F.	9000	48.4	49.7	50.5	51.3	51.6	51.5	51.8	51.3	51.8	51.8	51.5	51.8
GE	8000	51.3	52.6	53.4	54.2	54.5	54.5	54.5	54.6	54.5	54.6	54.5	54.6
GE	7000	52.4	53.8	54.6	55.5	55.8	55.9	55.0	56.0	55.0	55.0	56.0	56.0
GE	6000	54.0	55.4	55.3	57.3	58.0	53.0	58.2	58.2	58.2	59.2	58.2	58.2
GE	5000	55.2	56.7	57.7	58.7	57.4	59.5	57.6	59.7	59 .7	59.7	59.7	59.7
GE	4500	55.5	57.4	54.4	59.4	60.1	50.2	60.3	50.5	60.5	50.5	60.5	50.5
GE	4000	56.6	53.4	57.6	50.5	61.3	61.4	61.7	61.8	61.3	51.E	61.5	61.5
GE	3500	57.1	59.0	60.1	61.1	51.8	61.9	62.2	62.3	62.3	62.4	52.4	52.4
GE	3000	59.7	50.5	61.A	62 • B	63.7	53.9	64.2	54.4	64.4	64.5	54.5	64.5
	25.00		43 N	, , ,		, ,			(3,0				. 7 1
GE GE	2500 2000	60.7 64.1	63.0 66.5	54.4 57.9	55.4 59.0	ა5∙3 70•2	66.5 70.5	65∙3 71•3	67.0 71.4	57.0 71.4	67.1 71.6	67.1 71.6	67.1 71.6
95 95	1800	65.1	67.8	69.3	70.4	71.6	72.0	72.4	72.5	72.9	73.1	73.1	73.1
GE	1500	68.2	71.5	73.5	74.7	75.4	76.9	77.7	78.2	78.2	73.5	73.5	73.6
GE	1200	70.0	73.7	75.5	77.2	77.2	79.7	80.5	81.2	81.2	81.5	81.7	81.7
0_	1200	10.0	. , ,		,,,,	, , , ,	. , .	,,,,		~~~		3.4.	9.0.
95	1000	71.4	75.4	77.8	79.1	92.0	32.6	53.5	84.3	34.5	A5.0	85.4	85.5
GE	200	71.7	75.7	78.1	30.3	32.5	83.2	34.1	35.1	85.3	45.E	86.2	85.3
GE	800	71.8	76.0	73.5	30.9	33.4	34.2	35.3	36.4	36.5	97.1	97.5	97.6
GE	700	71.9	76.2	79.0	91.6	84.4	95.4	26.6	87.9	88.1	89.H	89.3	89.4
GE	600	72.2	76.5	79.5	32.2	95.2	95.3	P7.4	39.0	89.3	90.3	90.8	91.0
GE	500	72.4	76.9	30.2	93.0	36.0	37.1	33.5	70.7	91.1	72.6	93.4	93.5
GE	400	72.4	76.9	HO.2	m3.1	85.1	67.3	89.5	91.3	91.7	93.3	94.6	94.9
GE	300	72.4	76.9	30.2	33.1	86.1	87.4	89.1	91.6	92.1	93.7	95.2	95.8
GE	200	72.4	76.9	30.2	53.1	85.1	87.4	29.1	91.6	92.1	93.3	95.6 95.7	95.2
GE	100	72.4	76.9	90.2	83.1	ને ક 1	87.4	89.1	91.5	92.1	93.9	45.1	96.3
ĢE	000	72.4	76.9	30.2	93.1	35.1	37.4	99.1	91.6	92.1	93.9	95.7	96.3
						_			* * * * * * * *				,,,,

TOTAL NUMBER OF DBSERVATIONS 2517

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ILITY

-	16: VOL : + 6	K FLD AN	IGB WI				DEC HO			JUL 88	• • • • • •	••••	
	5E 3	VISIBILI GE 2 1/2	TY IN GE 2	GΞ	MILES GE <u>i</u> 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/3	GE 1/4	GE O	-
	39.3	39.3	37.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	
. 5	45.3	45.9	45.0	46.0	46.0	46.0	46.0	46.0	45.0	46.0	46.0	46.0	
7.7	46.0	46.0	45.1	45.1	46.1	46.1	45.1	46.1	46.1	46.1	46.1	45.1	
,	46.0	45.0	45.1	45.1	46.1	46.1	- 46.1	46.1	46.Ī	46.1	46.1	45.1	
. -	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	
	43.1	48.1	43.2	48.2	48.2	48.2	48.2	48.2	48.2	43.2	48.2	41.2	
). ı	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.0	51.6	51.6	51.5	51.5	
. 3	51.6	51.6	51.3	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.3	51.3	
P. 3	54.5	54.5	54.6	54.6	54.6	54.6	54.5	54.6	54.6	54.5	54.6	54.5	
	55.8	55.9	56.0	56.0	56.0	55.0	56.0	56.0	55.0	56.0	56.0	56.0	
}. :	53.0	53.0	58• 2	58.2	58.2	59.2	59.2	58.2	53.2	53.2	58.2	58.2	
٠,	57.4	59.5	57.6	59 .7	59.7	59.7	59.7	59.7	59.7	69.7	59 .7	59.7	
	50.1	50.2	60.3	50.5	60.5	50.5	60.5	60.5	50.5	60.5	50.5	50.5	
i - i -	61.3	61.4	61.7	61.8	61.3	51.8	61.3	61.4	51.6	61.8	61.5	61.3	
]. 1	51.8	61.9	62.2	62.3	62.3	62.4	62.4	52.4	62.4	62.4	52.4	52.4	
• "	63.7	53.9	64.2	54.4	64.4	64.5	54.5	64.5	54.5	64.5	54.F	64.5	
	55.3	66.5	66.3	67.0	67.0	67.1	67.1	67.1	67.1	57.1	67.1	57.1	
	70.2	70.6	71.0	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.5	
. 4	71.6	72.0	72.4	72.A	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
• /	75.4	75.9	77.7	78.2	78.2	73.5	73.5	73.6	73.6	79.5	78.7	78.7	
•	73.2	79.7	8 0.5	81.2	81.2	81.6	81.7	81.7	81.8	81.8	٦1.٩	91.A	
. 7	92.0	32.5	51.5	34.3	34.5	95.0	85.4	95.5	35.5	A5.6	85.7	85.7	
. 3	32.5	83.2	34.1	35.1	35.3	85.5	86.2	85.3	36.4	55.4	36.5	35.5	
• •	33.4	34.2	35.3	36.4	36.5	97.1	97.5	97.6	27.7	97.8	₹ 7. 8	37.3	
	34.4	95.4	P6.6	87.9	88.1	89.8	39.3	89.4	89.5	89.5	P9.6	39.6	
٠,	35.2	86.3	P7.4	3 9.0	89.3	90.3	90.8	21.0	91.2	91.2	91.3	91.3	
. 5	36.0	37.1	88.5	95.7	91.1	72.6	93.4	93.6	93.9	93.0	94.0	94.0	
. l	85.1	87.3	89.5	91.3	91.7	93.3	94.6	94.9	95.4	95.4	95.6	95.7	
. 1	86.1	67.4	A9.1	91.6	92.1	73.7	95.2	75.8	96.5	75.7		77.3	
1 . !	35.1	97.4	89.1	91.5	92.1	93.3	95.5	96.2	97.5	97.R	98.5	98.0	
- 1	85.1	87.4	89.1	91.6	92.1	93.8	95.7	96.3	97.A	98.1	99.5	100.0	
. 1	35.1	37.4	89.1	91.6	92.1	93.9	95.7	96.3	97.A	98.1	99.5	100.0	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE "IC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUER FROM HOURLY JUSERVATIONS

STA	אניז	NUMBER:	726436		AP NEIT	45: VOLK : + 6	FLD A	NG4 MI				OF RECE	
CEI	LING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •				STATUTE		• • • • • • •	• • • • • • •	• • • •
1		GE	GF	GΞ	GE		GE.	GE	SE	GE	GE	GŁ	C
٤٤.	ET	7	6	5	4	3	2 1/2	2	1 1/2		1	3/4	5)
• • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • •
NO (CEIL	42.6	43.4	44.6	44.9	45.2	45.2	45.3	45.3	45.3	45.4	45.4	45
	20000		51.4	52.3	53.3	53.6	53.6	53.3	53.€	53.8	53.6	53.9	5 3
	18000		52.1	53.1	53.5	53.3	53.9	54.0	54.1	54.1	54.1	54.2	54
	15000		52.1	53.1	53.5	53.9	54.0	44.1	54.1	54.1	54.2	54.2	54
	14000		52.9	53.9	54.4	54.7	54.8	54.9	55.0	55.0	55.0	55.1	55
GE :	12000	52.9	54.5	55.5	56.2	55.5	56.5	55.7	56.7	55.7	55.7	56.3	56
	10000	55.1	57.9	59.2	59.7	60.1	60.1	50.3	50.3	60.3	50.4	60.4	60
Gr	9000	56.6	50.4	59.6	50.2	60.6	60.5	60.9	50.8	50.8	50.9	50.9	60
GE	8000	59.3	51.3	62.6	63.3	63.7	53.B	53.9	64.0	64.0	54.1	64.1	64
GE	7000	60.5	62.5	03.9	54.6	65.0	65.1	45.3	55.3	65.4	65.4	65.5	55
G€	6000	61.9	54.0	65.5	66.2	66.7	66.A	57.0	67.0	67.1	67.1	67.2	67
35	5000	63.2	55.4	67.0	57.7	68.3	58.4	63.5	od.7	55.7	55.7	68.6	5B
GE	4500	64.3	66.3	67.8	54.7	69.2	69.3	69.5	59.6	59.7	69.7	69.8	60
SE	4000	65.7	5 8 ⋅ 1	59.3	70.7	71.2	71.4	71.5	71.7	71.8	71.≀	71.0	71
GE	3500	66.9	69.5	71.2	72.1	72.7	72.9	73.1	73.2	73.3	73.3	73.4	73
GΕ	3000	69.7	72.→	74.3	75.3	75.0	76.3	75.6	76.7	76.7	76.9	76.9	76
GĘ	2500	72.3	75.2	77.2	78.3	79.1	79.3	79.7	79.9	79.3	79.9	90.0	30
G.F	2000	75.1	73.3	90.5	€1.3	32.7	33.0	53.4	A3.6	33.6	33.5	83.9	83
Gς	1300	75.7	79.0	31.2	42.5	93.5	83.0	34.2	34.4	34.4	04.5	84.7	34
ĞÉ	1500		81.3	83.9	B5.3	96.5	96.9	97.4	87.6	87.7	87.9	99.0	્લ લ
Gξ	1200	78.3	R2.7	85.4	A7.1	RQ.4	65.9	89.4	99.B	89.8	90.1	90.2	90
Ģξ	1200	79.5	83.5	86.5	98 .4	90.0	90.5	91.3	91.7	91.7	92.1	92.3	92
G5	900	79.7	93.8	35.9	56.3	90.6	91.1	91.9	92.4	12.4	92.8	93.0	93
G.F.	400	80.0	84.2	37.5	89.5	91.4	92.0	92.9	93.4	93.5	93.9	94.2	94
GE	700	30.1	94.5	57.8	90.0	92.0	92.7	93.5	94.3	94.4	94.9	95.2	95
GE	600	30.3	44.5	88.0	90.4	32.5	93.3	94.4	95.1	95.2	95.A	96.1	95
GE	500	60.3	84.7	34.3	90.7	93.0	93.9	75.0	95.9	96.1	96.3	97.2	97
Ç.	400		84.3	39.3	a). 4	93.1	94.1	95.4	16.5	96.7	97.5	98.1	98
G F	300		34.9	19.4	90.9	93.2	94.2	95.5	76.7	76.9	97.5	95.6	93
3 Ē	200		84.A	99.4	90.H	23.2	94.2	95.6	96.7	97.0	97.9	98.8	99
GE	100		94.8	58.4	90.8	93.2	94.2	95.6	96.7	97.0	97.9	98.3	98
SE	000	80.4	84.9	38.4	90.8	93.2	94.2	95.6	96.7	97.0	97.9	98.8	98
•••		• • • • • • •		• • • • • •		-			• • • • • • •		• • • • • •		

TOTAL NUMBER OF UBSERVATIONS: 39113

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

-			VISIBIL	ITY IN	STATUTE	MILES						• • • • • •	
		SE		GE	SE 1 1/2	GE	GE	GE	GE	GE	υE	GE	SE
	4	-				1 1/4	1						
•	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••
	44.9	45.2	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.5	45.5
	53.3	53.6	53.6	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.0
	53.6	53.3	53.9	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2
	53.5	53.9	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.3	54.3
	54.4 56.2	54 .7 56.5	54.8 56.5	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1
	213 6 6	20.0	2013	55.7	56.7	56.7	56.7	56.3	56 . 9	56.8	56.9	56.9	56.9
	59.7	60.1	60.1	60.3	50.3	60.3	50.4	60.4	60.4	60.5	50.5	60.5	60.5
	50.2	60.5	60.5	63.5	53. 8	60.8	60.9	50.9	60.9	61.0	61.0	61.0	61.0
	63.3	63.7	63.8	63.9	64.0	64.0	54.1	64.1	64.1	54.2	54.2	54.2	64.2
	54.6	65.0	65.1	65.3	65.3	65.4	65.4	65.5	55.5	45.5	65.5	55.5	65.6
	00.2	66.7	66.8	57. 0	67.0	67.1	67.1	67.2	67.2	57.2	67.2	57.2	67.3
	57.7	63.3	58.4	63.6	68 . 7	66.7	68.7	68.5	68.9	68.8	68.9	53.9	63.7
	5H.7	67.2	69.3	69.5	59.6	69.7	69.7	69.8	69.8	69 . 8	69.8	54.4	59.9
	70.7	71.2	71.4	71.5	71.7	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.0
	72.1	72.7	72.7	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5
	75.3	75.0	76.3	75.6	76.7	76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.0
	78.3	79.1	79.3	74.7	79.8	79.3	79.9	90.0	30.0	90.1	80.1	30.1	80.1
	1.3	32.7	83.0	93.4	P3.6	83.6	93.9	83.9	83.9	33.9	83.7	34.0	34.0
	32.5	83.5	63.0	34.2	34.4	34.4	n4.5	84.7	94.7	84.7	84.7	94.3	44.3
	H5.3	96.5	96.9	87.4	87.6	87.7	87.9	99.0	88.0	F8.1	89.1	88.1	36.1
	87.1	PA . 4	88 . 9	89.4	89.8	89.8	90.1	90.2	90.2	90.3	90.3	90.3	90.4
	38.4	90.0	90.5	91.3	91.7	91.7	92.1	92.3	92.3	92.4	92.4	92.5	92.5
	36.3	90.5	91.1	91.9	92.4	92.4	92.8	93.0	93.0	93.2	93.2	93.2	93.2
	89.5	91.4	92.0	92.9	93.4	93.5	93.9	94.2	94.2	94.3	94.3	74.4	94.4
	97.3	92.0	92.7	93.5		94.4	94.9	95.2	95.2	95.4	35.4	95.5	
	90.4	92.5	93.3	94.4	95.1	95.2	95.A	96.1	95.2	96.3	96.4	36.4	96.5
	99.7	93.0	93.9	95.0	95.9	96.1	96.8	97.2	97.3	97.5	97.5	97.5	97.7
	90.8	93.1	94.1	95.4	76.5	96.7	97.5	98.1	98.1	98.4	98.4	98.5	98.6
	90.8	93.2	94.2	95.6	76.7	76.9	97.6	98.6	98.7	79.1	99.1	99.3	
	90.A	93.2	94.2	95.6	96.7	97.0	97.9	98.8	98.9	99.3	99.4	99.6	
	90.8	93.2	94.2	95.6	96.7	97.0	97.9	98.3	98.9	99.4	99.5	99.8	100.0
	90.8	93.2	94.2	95.6	96.7	97.0	97.9	98.8	00.0	29.4	αn F	99.5	100 0

1345: 39113

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURPENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION	NUMBER: 726	436 STATIE	IN NAME: VI		9 WI		ERIOD OF RECORD	
• • • • • • •	•••••	• • • • • • • • • • • • •	• • • • • • • • •	AIRWAY CL		• • • • • • •	• • • • • • • • • • • • • • •	•••••
(LST)		SCATTERED		OVERCAST	TOTAL DASCUPATION	1/2	DESCURATION	IATOT Seo
00-02	•••••	• • • • • • • • • • • •	• • • • • • • • •		• • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • •	!
03-05								(
06-08	15.6	20.9	21.8	37.5	4.3	63.6	7.7	41
09-11	16.2	20.1	13.8	40.7	4.2	63.7	6.1	101:
12-14	13.6	23.0	19.9	40.5	3.2	63.4	4.6	101
15-17	14.1	20.5	13.6	43.3	2.5	65.4	2.9	72
18-20								
21-23								
					3.0			315
•••••							ONTH: FER HOURS	: ALL
00-02								1
03-05								(
06-08	13.4	22.9	19.2	40.7	3.7	63.7	6.5	45.
09-11	11.4	20.4	23.1	40.9	4.3	68.2	5.5	97
12-14	11.9	21.6	20.6	43.1	2.8	66.5	3.2	97
15-17	13.1	21.2	23.4	40.5	1.8	65.7	4.3	73
18-20								
21-23								
ALL HOURS	12.2	21.3	21.3	41.5	3.2	6 6.4	4.8	313

TAGE	FREQU	JENCY	OF	OCCURRENCE	θF	SKY	COVER
*	FROM	HOURL	Y	DESERVATIONS	5		

VOLK FLD ANGE WI

5			M(INTH: JAN HOURS	ALL	
	AIRWAY CLA Overcast	ASSES TOTAL OBSCUPATION	GT 1/2	PARTIAL OBSCURATION	TOTAL G8S	
•	• • • • • • • • • •	• • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • •	0	
:					0	
	37.5	4.3	63.5	7.7	418	
	40.7	4.2	63.7	6.1	1010	
	40.5	3.2	63.4	4.6	1011	
	43.3	2.5	65.4	2.9	728	
					Ċ.	
_					0	
	40.0	3.0	63.0	5.0	3167	 .
			MC	NTH: FEB HOURS	: ALL	
	• • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • •	••••••	0	
					0	
	40.7	3.7	63.7	6.6	454	
	40.9	4.3	68.2	5.5	976	· · · · · · · · · · · · · · · · · · ·
	43.1	2.8	66.5	3.2	974	
	40.5	1.8	65.7	4.8	731	
					0	
					0	. <u>.</u>

PERIOD OF RECORD: AUG 73 - JUL 36

41.5 3.2 66.4 4.8 3135

OPERATING LOCATION MANUSAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

			1 UTC: + 6			MO	RIDD OF RECORD	:ALL
••••••	• • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • •	AIRWAY CL		• • • • • • •	••••••	• • • • • •
(LST)				OVERCAST	TOTAL OBSCURATION	1/2	USSCURATION	TOTAL ORS
	• • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • •	• • • • • • •	••••••	• • • • • •
00-02								
03-05								
06-08	13.6	20.1	19.3	44.0	3.0	66.3	7.5	39
09-11	11.6	22.1	20.5	42.2	3.6	66.3	4.2	102
12-14	19.1	25.0	22.1	40.2	2.5	64.9	2.4	103
15-17	9.0	26.5	21.1	41.3	2.2	64.5	3.6	66
18-20								
21-23								
· · · · · ·					2.3			
• • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • •	• • • • •
						ч(INTH: APR HOURS	: ALL
00-02	• • • • • • • • •		• • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••
03-05								
06-08	15.9	22.6	15.9	42.0	2.5	60.5	4.2	43
09-11	12.3	23.7	21.6	41.8	• 6	64.0	2.7	97
12-14	9.9	23.7	23.0	43.3	•1	66.4	1.3	99
15-17	3.0	24.9	27.5	39.4	.3	67.2	• 5	5 3
18-20								
21-23								
					.7			200

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

	UTC: + 6	OLK FLD ANG	p wi	M	RIDO ÖF RECORO ONTH: MAR HOURS	: AUG 73 -	JUL 85		
ITERED	BROKEN	AIRHAY CL Overcast	ASSES TOTAL	GT	PARTIAL	TOTAL			
			OBSCURATION	1/2	OBSCURATION	DRS			
						3			
						0			
20.1	19.3	44.0	3.0	66.3	7.5	398			
22.1	20.5	42.2	3.6	66.3	4.2	1024			
25.0	22.1	40.2	2.5	64.9	2.4	1034			
26.5	21.1	41.3	2.2	64.5	3.6	669			
						0			
						0			
23.0	21.0	41.3	2.0	55. 0	3.0	3125			
* * * * * * * *	• • • • • • • • •	•••••		MC	INTH: APR HOURS	: ALL			
	• • • • • • • • •	• • • • • • • • •	••••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •				
						,			
.2.t	15.0	43.0	2.5	40 5		0			
					4.2				
	21.6	41.8		64.0	2.7	977			
	23.0	43.3		66.4	1.3	994			
24.9	27.5	39.4	. 3	67.2	• 5	5 9 9		e e e	
						0			
						. 0			
23.8	22.4	41.8	.7	64.7	2.0	2993			

n - 3 - 2

OPERATING LOCATION MANUSAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF DCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB WI PERIOD OF RECORD: MONTH: MAY HOURS! LST TO UTC: + 6 AIRWAY CLASSES TOTAL PARTIAL GT HOURS SCATTERED BROKEN UVERCAST 75SCURATION DESCURATION 1/2 (LST) 00-02 03-05 • 9 06-03 12.9 26.5 27.3 31.7 50.0 3.7 09-11 9.4 27.3 29.5 33.3 63.3 1.5 • 3 29.4 52.4 1.1 12-14 5.9 31.3 33.3 • 2 6.5 33.3 30.5 29.0 60.3 2.4 15-17 19-20 21-23 ALL HOURS 3.0 29.0 29.0 32.0 • 0 62.0 1.0 אדאו: און און אין ארא 00-02 03-05 11.9 3.7 06-08 33.4 22.4 32.1 • 3 54.3 57.5 09-11 7.3 34.8 26.6 30.B 1.3 12-14 5.3 27.7 51.2 33.5 33.4 . 1 .6 5.5 59.3 15-17 34.7 34.3 25.5 . 1 13-20 21-23 ALL HOURS 34.1 29.4 29.1

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

		AIRWAY CL	A S S E S	• • • • • •	• • • • • • • • • • • • • •	••••••	
550 	BROKEN	OVERCAST	TOTAL NCITARUDZEC	GT 1/2	PARTIAL DESCURATION	TOTAL OBS	
	••••••		• • • • • • • • • • • • •	• • • • • •	• • • • • • • • • • • • • •	0	
						0	
÷,	27.8	31.9	• 9	60.6	3.7	668	
:	29.6	33.3	.3	63.3	1.5	1029	
3	29.4	33.3	• 2	52.4	1.1	1024	
	30.5	29. 3		60.3	2 • 4	463	
,						?	
						9	
	29.0	32.0	•0	62.0	1.0	3184	
• • • • •	• • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	••••••	
				14.	מאטרא מטע אדמר	: ALL	
	• • • • • • • • •	• • • • • • • • • •		• • • • • •			
						2	
						J	
•	22.4	32.1	• 3	54.3	3.7	776	
	26.6	30.8		57.5	1.3	1137	
	33.4	27.7	•1	51.2	•6	1198	
1	34.3	25.5	• 1	59.9	• 4	770	
						0	
						۰.	

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGS WI PERIOD OF RECORD: AUG EST TO UTC: + 6 MONTH: JUL HOURS:ALL ATRWAY CLASSES TOTAL GT HOURS SCATTERED BROKEN OVERCAST PARTIAL TOTAL 1/2 DESCURATION 7.25 **DRSCURATION** (LST) 00-02 03-05 0 22.1 16.5 34.9 ٠,5 48.6 3.5 06-08 26.0 739 29-11 3.2 35.5 31.1 23.8 . 3 55.2 1.6 1137 12-14 2.5 38.9 37.3 21.1 . 2 58.6 1.0 1146 15-17 3.4 45.2 31.4 19.1 50.4 2.2 607 13-20 21-23 ALL 1.0 HOURS 34.0 31.0 22.0 54.0 3704 MENTH: AUG HOURS: ALL 00-02 03-05 6.3 06-08 15.4 24.5 23.7 33.8 1.7 59.1 77: 09-11 9.1 32.0 28.4 29.9 58.9 1.7 . 5 1127 12-14 4.4 37.6 31.3 26.4 . 2 57.9 . 9 119" 15-17 4.9 38.3 29.5 27.1 1.0 • 1 56.8 14-20 21-23 ALL HOURS 58.3 2.3 365 33.4 29.1 23.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

) UTC: + 6			M	FRIOD OF RECORD ONTH: JUL HOURS	:ALL	58 JUL 83
SCATTERED	BROKEN	AIRWAY CLA Overcast	ASSES TOTAL	GT	PARTIAL OBSCURATION	TOTAL	
	• • • • • • • • •	• • • • • • • • • • • • •		• • • • • •	DSSCURATION	0	
						0	
34.9	22.1	26.0	• 5	48.6	3.5	739	
35.5	31.1	23.8	. 3	55.2	1.6	1137	
34.9	37.3	21.1	• 2	58.6	1.0	1146	
45.2	31.4	19.1		50.4	2.2	692	
•						O	
_						U	
34.0		22.0	• າ	54.)	1.0	3704	
•				M(SATH: NUG HOURS	: ALL	
· · · · · · · · · · · · · · · · · · ·	• • • • • • • • •	••••••		• • • • • • •	• • • • • • • • • • • • • • • • • • • •	0	
						С	
24.5	23.7	33. ^R	1.7	59.1	6.3	773	
32.0	28.4	29.9	• 5	58.9	1 • 7	1197	
37.6	31.3	26.4	• 2	57.9	• 9	1193	
38.3	29.5	27.1	•1	56.8	1.0	590	
						0	
						9	
			•5		2.3		

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY DESERVATIONS

	73.12.1122	.•			SORE! (//SERVE)			
							ERIOD OF RECORD ONTH: SEP HOURS	
				AIRWAY CL	ASSES TOTAL			
/1 CT1					IND COURS ATTOM	1/2	OBSCURATION	280
00-02	• • • • • • • •	• • • • • • • • • • • •	• • • • • • • •	•••••	• • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	9
03-05								0
06-04	17.8	25.7	19.8	34.7	2.0	56.5	4.7	642
09-11	12.4	29.9	1 • ذ 2	34.0	• 6	57.7	1.3	985
12-14	8.5	33.5	28.1	29.5	• 3	57.9	• 3	998
15-17	4.2	33.2	27.4	25.9	• 2	53.6		463
15-20								Ċ
21-23								^
ALL HOURS	11.0	31.0	24.0	31.0	•0	56.0	1.0	3091
							рчты: ОСТ нарех	
00-02	•••••			•••••	•••••	• • • • • • •	••••••	· · · · · · · · · · · · · · · · · · ·
03-05								Ü
06-09	15.1	23.6	20.9	38.5	1.8	61.3	5.4	597
09-11	11.3	24.1	21.0	42.8	• 3	64.1	3.0	957
12-14	10.3	24.1	25.5	39.8	• 3	65.6	1.1	980
15-17	9.1	29.9	21.2	40.5	• 2	62.0	1 • 4	439
13-20								G
21-23								0
ALL HOURS	11.6	24.7	22.5	40.6	• 6	63.7	2.∂	2933

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

	UTC: + 6				ONTH: SEP HOURS		
		AIRWAY CL UVERCAST	ASSES TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS	
	• • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • • • • • • • • • •	0	
						9	
	19.8	34.7	2.0	56.5	4.7	642	
	25.1	34.0	• 6	57.7	1.3	986	
	24.1	29.5	• 3	57.9	• 3	998	
	27.4	25.9	• 2	53.6		463	
•						¢.	
						^	
_	24.0	31.0	• 0	56.9	1.0	3091	
	• • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • • • • • • • • •		
				M	BAITH: DOT HOURS	: ALL	
	• • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • •		
						ű	
	20.3	33.5	1.9	61.3	5.4	507	
	21.0	42.8	• 3	64.1	3.0	957	
	.25.5	39.8	• 3	65.6	1.1	480	
		40.5	• 2	62.5	1.4	437	
	21.2					0	
	21.62					0	
	71.2					e e	

. _ . _ .

OPEPATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NU			UTC: + 6			ME	RIOD DE RECORD: NTH: NOV HOURS:	
•••••					ASSES			• • •
HDURS (LST)	CLEAR	SCATTERED	BRUKEN	UVERCAST	ASSES TOTAL DRSCURATION	GT 1/2	PARTIAL DBSCURATION	τ'.
00-02	•••••		••••••	• • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • •	•••
03-05								
05-08	12.9	17.2	20.9	45.4	3.7	70.0	4.4	
09-11	11.2	18.0	20.3	43.9	1.5	70.3	4.7	
12-14	3. 0	23.0	18.5	48.5	1.0	68.0	3.9	
15-17	11.0	23.0	19.3	45.2	1.5	66.0	1.3	
13-20								
21-23								
					1.0		3.0	
•••••				•			BATH: DEC HOURS	. 4
00-02	• • • • • • • • •		•••••	• • • • • • • • • •		• • • • • • •	• • • • • • • • • • • • • •	•••
03-05								
05-08	11.5	17.7	13.7	48.9	6.0	68.7	5.7	
09-11	10.2	21.6	17.5	45.9	4.7	68.2	7.7	
12-14	4.4	26.1	20.4	41.9	3.3	45.5	4,3	
15-17	10.5	23.€	20.0	43.7	2.1	65.3	4 . 4	
18-20								
21-23								
ALL HIJURS	9.3	23.4	16.6	44.4	3.9	66.5	5.5	

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY DBSEKVATIONS

		16 8	P:	ERIOD DE RECORÓ ONTH: NOV HOURS	AUG 73	- JUL 83
• • • • • • • • • • •	ATPWAY CL	ASSES		• • • • • • • • • • • • • • • • • • • •	•••••	
RED BRUKĒ	N GVERCAST	TOTAL DASCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS	÷
• • • • • • • • • • •	• • • • • • • • • • • • •	•••••••	• • • • • • •	• • • • • • • • • • • • • • • •	0	
					0	
20.9	45.4	3.7	70.0	4 • 4	273	
20.3	48.9	1.6	70.3	4.7	302	
18.5	48.5	1.0	68.0	3.9	312	
19.3	45.2	1.5	66.0	1.3	544	
					Ċ	
					3	
19.0				3.0	2431	
	• • • • • • • • • • • •	• • • • • • • • • • • • • •		INTH: DEC HOURS	G: ALL	
	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • •	· • • • • • • • • • • • • • • • • • • •	9	
					0	
13.7	45.9	6.0	£8.7	6.7	234	
17.5	45.7	4.7	68.2	7. 2	,14.2	
20.4	41.9	3.3	65.5	4.3	455	
20.0	43.7	2.1	65.3	4 • 4	525	
					0	
					i)	
18.6	44.4	3.9	66.5	5.5	2517	
	2 20.9 2 20.3 19.5 19.0	A17WAY CL RED BRUKEN UVERCAST 2 20.9 45.4 2 20.3 48.9 18.5 48.5 19.3 45.2 19.0 47.3 17.6 45.7 20.4 41.9 20.0 43.7	AIPWAY CLASSES	AIPMAY CLASSES RED BRUKEN GVERCAST TOTAL GT DRSCURATION 1/2 2 20.9 45.4 3.7 70.0 2 20.3 48.9 1.6 70.3 2 19.5 48.5 1.0 68.0 2 19.3 45.2 1.5 66.0 47.3 1.0 58.0 47.4 47.5 48.7 49.9 47.6 45.7 47.6 48.2 48.7 41.9 3.3 65.5 48.7 43.7 2.1 65.3	AIPMAY CLASSES GUERCAST TOTAL OT PARTIAL DISCURATION 1/2 DESCURATION 2 20.9 45.4 3.7 70.0 4.4 2 20.3 48.9 1.6 70.3 4.7 18.5 48.5 1.0 68.0 3.9 2 19.3 45.2 1.5 66.0 1.3 MONTH: OFC HOURS 13.7 49.9 6.0 65.7 6.7 17.6 45.9 4.7 68.2 7.0 20.4 41.9 3.3 65.5 4.3 20.0 43.7 2.1 65.3 4.4	## MONTH: OFC MOURS: ALL ## MONTH: OFC MOUR

PERCENTAGE EREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY DBSERVATIONS

OPERATING USAFETAC.			PERCEN.		NCY OF OCCURRED OURLY DBSERVAT		SKY COVER		
UN NEITATZ	MBER: 7264		N NAME: VI	OLK FLD ANG	à al	PERIDO DE RECORD: MONTH: ALL HOURS:			
HOURS (LST)	CLEAR	SCATTERFO	540KEN	AIRWAY CL OVERCAST	ASSES TOTAL DBSCURATION	GT 1/2	PARTIAL DESCURATION	ī	
00-02	• • • • • • • • •	• • • • • • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • • • • • • • •	• • •	
03-05									
06-08	14.7	25.7	21.3	36.1	2.1	59.5	5.2		
09-11	11.5	26.3	23.8	37.2	1.7	62.7	3.2	1	
12-14	3.1	28.9	20.3	35.5	1.1	63.0	2.0	1	
15-17	я. 5	29.9	25.6	34.9	1.0	51.5	2.1		
18-20									
21-23									
ALL HOURS	10.2	27.7	24.6	36.0	1.4	62.0	3.0	3	

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

75

	ייי: C: + 6					: ALL		
₹≅0	RKOKEN	AIRWAY CL OVERCAST	ASSES TOTAL DBSCURATION	GT 1/2	PARTIAL DESCURATION	TATAL OBS		
	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • • • • • • • •	0		
						0		
7	21.3	36.1	2.1	59.5	5.2	6455		-
1	23.8	37.2	1.7	62.7	3.2	12146		
. ,	26.3	35.5	1 • 1	63.0	2.0	12219		
. ,	?5.6	34.9	1.0	51.5	2.1	7294		
•						0		
_						0		
. 7	24.6	36.0	1.4	62.0	3.0	35114		

Secondada Secondada Secondada		44444		२० <u>१</u> २१२२२ २०११२२२३			6 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		
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o p	pn	4.4	AA	? r.	¥.₹	T T	£5.		
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מכבחם		• • •	ΑΔΑΔΑ	५२२८६	×≺९	ŢŤ	EEEFEC		
ρD			AAAAA	३२	공유	ŢŢ	£5		
pp		4.4	ΔΔ	⊋₩	६२	† †	€£		
30		Δ.Δ.	AA	43	20	17	ମ୍କ୍ର୍ମ୍ <u>ଟ୍</u> ଟ୍ର		
5.5		AA	ΛA	રું છ	स्₹	7.7	LFB h E B E F E F		

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

- TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (PDF).

 THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE
 POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS
 SUMMAPIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE
 YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5,
 GT 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR MGE 33M DEGREES. MEANS,
 STANDARD DEVIATIONS, AND TOTAL DRSERVATION COUNTS ARE GIVEN.
- NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY DRSERVATIONS ON AWS FORMS 10/104 OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.
- MONTHLY TEMPERATURES.

 ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPPRATURES BY MONTH AND BY YEAR. THE YEARLY ANDURION ONLY APPEARS HEN ALL MONTHS
 FOR THAT YEAR ALSO APPEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) AME SIVEN.
 ALDNG HITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH
 FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE.
- MEAN MORTHLY TEMPERATURE.

 ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH,

 FOR ALL MUNTHS, AND FOR ALL YEARS, AN ASTERISK (*) INDICATES A VALUE FOR A
 MONTH FOR WHICH LESS THAN DOWN OF DATA ARE AVAILABLE.
- DRY BULP, WET BULB, AND DEW POINT TEMPEKATURES.
 THESE TABLES ARE CREATED FROM HOURLY DBSERVATIONS--DATA IS SUMMARIZED:
 - BY CIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
 - BY MINTH (ALL YEARS AND ALL HOURS COMBINED).
 - BY YEAR (ALL YEARS AND ALL HOURS COMMINED).

HEARS, STANDARD DEVIATIONS, AND IDIAL DRSERVATION COUNTS ARE GIVEN.

THE MEAN NUMBER OF HOURS HITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO
APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29,
MENGINEEPING WEATHER DATA, MAND AWAR 105-56, MMETERROLOGICAL TECHNIQUES.

THE TABLES. WINTER WET BULB AND DEA POINT MEAN TEMPERATURES FOR VERY COLD STATIONS WIST AS USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW AS DEGREES F, WIT BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MIRE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOBER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMAR ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:

F = 1.80 + 32

C = K - 273.0 (BEF)RE 5 APRIL 77) C = K - 273.2 (SINCE 5 APRIL 77)

PELATIVE HUMIDITY--CUMULATIVE PERCENT BOCURRENCE FREQUENCY (PDF).

CREATED FROM HOURLY DESERVATIONS, THESE TABLES GIVE PDF OF RELATIVE
HUMIDITY FOR INCREMENTS. MEANS AND TOTAL DESERVATION COURS ARE ALSO PROVIDED.

THE DATA IS SUMMARIZED AS FOLLOWS:

- 3Y EIGHT 3-HOUR STANDARD TIME PERIODS FOR FACH MONTH (ALL YEARS COMPLINED).
- MY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- MY YEAR (ALL YEARS AND ALL MOURS COMMINED).

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATI-FROM SUMMARY OF DAY DATA

STAT	ואטא אפז	BER: 726		TATION N ST TO UT		K FLÖ AN	G≘ w∤I				DO DE REC	CORO.
TEM (DE	G-F)	JAN	FEB	MAR	APR	МАУ	NUL	înr	AUG	SEP	OCT	, ,
• SE GEEGE GEEGE GEEGE GEEGE GEEGE GEEGE GEEGE GEEGE GEEGE	100 95 90 35 30 75 70 65 60 55 50 45 40 35 33 30 25 20 15	3.1 7.4 16.4 22.3 30.6 44.4 63.3 70.4 80.0	.3 .9 2.3 5.9 16.3 33.4 49.5 61.5 72.0 85.4	1.0 2.6 3.5 8.4 13.7 19.3 31.4 4c.1 66.1 76.3 34.5 13.6 100.0	.2 .2 1.2 2.7 6.7 12.2 23.0 39.7 55.8 59.3 31.6 71.2 98.7 98.7	1.7 7.3 10.0 30.5 47.1 55.1 78.1 89.4 90.7 93.7 93.7	.1 .7 7.1 19.7 41.2 54.1 34.5 94.0 98.0 99.6 100.0	3.9 14.9 35.6 54.4 35.7 99.0 99.9 100.0		2 1.2 5.4 16.4 30.1 49.3 69.1 36.2 93.9 99.3	2 2.1 6.9 14.1 25.4 42.1 50.7 76.5 90.9 93.0 99.3 99.3	1 2 4 5 7 8 9 10
GE GE GE GE	5 0 -5 -10 -15 -20	99.2 94.8 97.7 98.9 100.0	97.4 99.5 99.3 100.0									

•••••	•••••	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • •
MEAN	21.5	23.1	40.5	56.0	63.5	77.3	81.9	79.0	59.3	57. 3	4.
\$0					10.71		_		•		
TOTAL UBS	611	572	521	599	630	702	697	708	608	610	(

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

05-4LL

	AME: VOL	C FLD AND	58 WI		PERIOD OF RECORD: 6406-8908 MONTH: ALL HOURS: ALL					
VA.4	APR	MAY	HUL	ากเ	AUG	SEP	ЭСТ	γΩV	OFC	ANN
	• • • • • • •	• • • • • • •	1		• 6	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •	1
	• 2		.7	3.9	1.3	• 2				• 6
	• 2	1.7	7.1	14.9	3.2	1.2	• 2			3.1
	1.2	7.3	19.7	35.6	24.6	5.4	• 2			3.7
٠2	2.7	10.0	41.2	54.4	47.5	16.4	2.1			17.5
1.7	6.7	30.5	54.1	35.5	71.2	30.1	6.9	• 2		27.3
3.5	12.2	47.1	34.5	95 .7	89.5	49.3	14.1	• 5		35.7
3.5	23.0	55.1	94.0	99.0	97.0	69.1	25.4	3.3		42.9
	39.7	78.1	74. 0	99.9	99.4	36.2	42.1	9.1	• 4	49.6
13.7	55.9	89.4	79.6	100.0	100.0	73.9	50.7	17.5	• 7	55.3
11.3	59.3	92.7	100.0			38.0	75.5	25.4	1.5	60.0
11.4	31.6	93.7				99.3	90.8	41.1	4.1	55.3
.:.1	91.2	99.3				100.0	98.0	55.5	12.5	71.1
40.1	28.0	100.0					99.3	75.0	24.3	77.7
75.3	98.7						99.3	32.3	34.3	P ٦ • 7
4 . 5	99.5						99.R	39.9	45.2	84.3
14.4	193.3						120.0	94.7	55.3	58.9
15.3								93.5	74.0	93.0
10.5								99.1	₹ 7. 3	95. 5
33.0								100.0	34.0	97.3
									94.5	98.6
									90.4	99.4
									99.5	99.3
									ું ગુ•ું	99.7
									99.5	100.0
									100.0	100.0

4J.5	56.0	53.5	77.3	81.9	79.0	59.3	57.8	42.6	27.6	55.5
						-			11.12	23.32
									565	7470

OPERATING LOCATION 'A* CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURE USAFETAC, ASHEVILLE NC FROM SUMMARY OF DAY DATA

STAT	TON NUM!	18ER: 7264	L	ST TO UT	C: +06		G3 WI			PERIO MONT	OD OF RE	:d×03E SUCH
	G-F1	JAN	FEB	мая мая	APR	MAY	PUL	JUL	AUG	SEP	nct	·••••
GE	95	••••••	• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • •	3	•••••	••••••	
GE	90						,		• 3			
GE GE	35 30					• 2	•6	.6	.6			
GE	75			• 2	• 2	• ć	•9 4•1	3.2 10.8	1.6 5.9	. 5		
GE	70			• 2	1.2	3.5	13.5	29.1	15.1	3.9	. 3	
GF	55			.3	1.8	10.3	33.9	56.1	40.7	12.6	1.3	
GE	60			• 3	4.0	25.1	55.7	75.9	63.4	25.2	5.9	
G E.	55			1.1	a . 2	37.3	77.5	90.2	50.9	45.7	15.4	!
GĒ	50			3.1	16.9	57.1	90.7	97.4	92.5	54.6	25.6	4
GE	45	• 2	• 3	5.2	32.4	74.4	96.6	99.3	97.9	79.1	42.0)
SE	40	1.0	• 9	11.6	52.4	83.4	100.0	100.0	99.4	32.6	21.6	19
SE	35	2.3	4.9	24.5	72.0	95.7			100.0	27.5	74.0	3 2
GE GE	33 30	3 ⋅ H 3 ⋅ E	7.9	34.0	79.5	98.3				99.7	A4.A	43
GE GE	30 25	3.5 17.7	14.7 25.4	44.3 62.2	46.3 46.2	99.2 100.0				79.3	91.5	56 74
Ĉŧ ΩΓ	20	27.7	20.4 33.1	52•2 74•1	99.0	100.0				100.0	99.0 99.7	74 37
05 05	15	35.7	49.1	44.1 42.5	100.0						133.0) د 7 ک
SE	15	47.3	51.0	90.3	40000						100.0	37
GE	5	59.4	71.9	94.0								72
GE	0	70.9	91.1	97.7								43
Gè	- 5	77.1	39.0	99.4								93
SE	-13	88.1	34.9	100.0								100
GE GE	-15 -20	93.9	93.4									
GE	+20 +25	98.0 100.0	99.5 29.7									
<u>C</u> E	- 30	199€U	100.0									
•••••	•••••	••••••••••••••••••••••••••••••••••••••	13.5	26.5	40.5	51.5	50.5	65.1	61.9	53.2	43.0	3)
SD		15.13	14.13	12.33	9.93	10.02	9.31	7.30	3.42	9.58	10.15	1).
		• • • • • • • • •	• • • • • • • •			• • • • • • •						
_	L 088	611	5 7 2	621	599	630	702	697	708	508	610	Ε,

COMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

••	A : T() . A	A4E: VOL C: +06	K FLD AN	GH WI	WI PERIOD OF RECORD: 6405-8908 MONTH: ALL HOURS: ALL								
	943	APR	YAY	אטע	JUL	AUG	SEP	301	NOV	DEC	ANN		
	17.3	.2 1.2 1.8 4.0 3.4 52.4 72.0 79.5 38.3 96.2 91.0	2 .6 3.5 10.3 25.1 37.8 57.1 74.4 95.7 98.3 99.2 100.0	.6 .9 4.1 13.8 33.9 55.7 77.6 90.7 96.6 100.0	.6 3.2 10.8 29.1 56.1 75.9 90.2 97.4 99.2	3 .6 1.6 5.9 15.1 40.7 63.4 90.9 92.5 97.9 99.4 100.0	5 3.9 12.8 25.2 45.7 64.6 79.1 92.6 77.5 99.7 99.3 100.0	.3 1.3 5.9 15.4 25.6 42.0 51.6 78.0 91.5 98.0 99.7			.0 .0 .2 .5 .2.1 .6.2 .14.0 .23.4 .40.5 .47.0 .55.1 .02.2 .65.4 .77.3 .32.3 .66.0 .69.4 .77.3 .32.3 .66.0 .69.4 .79.4 .79.6 .99.6 .99.6 .99.6 .99.6 .99.6		
	16.5	40.5	51.5	50.5	65.1	61.9	53.2	43.0	30.9	17.1	40.5		
į	12.41	7.93	10.02	8.31	7.30	1.42	9.58	10.15	13.73	13.58	22.05		
	521	599	630	702	697	70 <i>R</i>	508	610	547	565	7470		

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERA-FROM SUMMARY OF DAY DATA

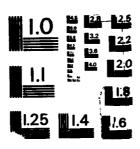
STAT	FEON NUMB	BER: 726		TATION N ST TO UT	AME: VOL	K FLD AN	Ik PD			PERT!	OD OF REC H: ALL	400 EH
TE 4	ир :G-F)	JAN	FE3	ч 4२	APR	MAY	ากม	JiJL	AUG	2ēb	эст	• • •
		• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • •
GF GF	100								• 1 • 4			
GE GE	95 90						. 1	.6	•6			
GE	95					• 5	1.9	6.0	3.1			
SE	ر. 30				• 5	2.4	2.5	19.5	10.3	1.8		
GE.	75			• 3	1.2	7.0	24.4	44.2	29.0	7.7	• 3	
GF.	70			• 3	3.3	18.7	45.5	74.5	58.8	1º.3	2.5	
ĞE	55			•6	5.3	34.3	72.3	9).5	79.5	36.2	3.0	
ĞĒ	50			2.6	13.2	50.5	90.3	93.4	94.5	50.3	18.9	
ĞË	55			4.7	25.7	70.6	93.0	93.9	99.3	78.5	33.6	
GE	50	• 2	. 5	9.2	43.1	55.9	23.7	100.0	99.9	92.8	52.5	
ĠΕ	45	• 5	1.2	15.1	54.3	95.4	100.0		100.0	98.2	73.1	
SE	40	2.0	3.7	29.0	91.0	99.0				99.6	89.7	
G E	35	7.4	14.5	46.1	93.7	100.0				100.0	97.5	
GE	33	10.5	19.9	54.1	96.3						28.7	
GE	30	17.7	29.7	55.3	98.2						99.5	
GE	25	27.3	43.0	80.7	99.5						100.0	
GE	20	40.4	55.4	96.0	100.0							
GF	15	52.5	63.7	95.5								
GE	10	65.0	79.9	95.1								
SE	5	76.4	19.2	30.0								1
GΕ	2	#3.5	95.5	100.0								
ςΞ	- 5	92.0	93.4									
G =	-10	95.0)).3									
G.F	-15	99.2	100.0									
C c	-20	100.0										

MEAN.	15.2					
sə cə	-	 	 	,	 · · -	
TOTAL OBS						

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMING OF DAY DATA

	NAME: VOL	K FLJ AN	15 80			MONT	H: ALL		ALL	
*	.e APR	мдү	JUN	JUL	AUG	2ëb	700	VOV		ANN
· • • · · · · · · · · · · · · · · · · ·	3.3 3.3 5.3 13.2 25.7 43.1 1 64.3 91.0 1 33.7 1 46.3 1 31.0 1 32.7 1 40.3	5 2.4 7.0 16.7 34.3 50.6 70.6 55.9 95.9 97.0	1 1.9 9.0 24.4 46.5 72.3 98.0 99.7 100.0	.6 6.0 19.5 44.2 74.5 93.5	.1 .4 .6 3.1 10.3 29.0 58.8 79.5 94.5 99.3 99.3	1.8 7.7 18.3 36.2 50.3 72.5 92.8 98.2 99.5	.3 2.6 9.0 18.9 33.6 52.5 73.1 39.7 77.5 78.7	2.2 4.9 11.7 22.5 37.9 58.5 55.3	.5 .7 1.2 3.7 14.7 ?1.1 32.0 43.8 54.1 75.8 45.9 92.0 95.4 95.6 97.6 97.6	.0 .0 .1 1.1 4.0 10.5 20.5 30.0 36.5 45.9 52.3 55.5 64.2 73.0 74.2 73.0 74.2 93.5 67.7 41.4 94.6 94.6
•	••••••	• • • • • • •	••••••	•••••	• • • • • • • • •	•••••	•••••	•••••		••••
•	45.5	50.3	51.2	73.7	70.7	51.5	50.7	37.0	22.5	44.3
	10.06	9.64	7.52	5.73	7.15	9.59	9,37	10.51	11.8ª	22.36
•	599	530	702	497	708	608	610	6/7	645	

41-4210 623 SURFACE DESCRIPTION CLIMATIC SUMMARIES SOCS FOR WOLK FIELD ANGE WISCONSINGUE AIR FORCE ENURONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT AFB IL MAI 39 USAFETAL SCHOOL 49 203 5 6 UNCLASSIFIED NL



OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NO

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER:	726436		TIDN NAME		LD ANGE	нI			PERIOD MONTH:	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUĢ	SEP	OCT
64	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	95	102	97	86	76
65	43	50	43	79	37	97	96	94	82	80
66	40	49	72	70	87	94	100	91	88	80
67	47	51	78	72	91	91	90	86	82	81
68	49	47	72	78	85	92	89	95	85	91
69	39	40	61	71	88	43	92	91	84	83
70	41	44	50	88	90	94	94	93	88	79
71	36	47	68	77	7 8	93	86	89	88*	81*
72	46*	40*	52*	73*	87*	89	92	93	94	73
73	54*	44*	63*	71*	76*	86	73	92	86	604
74	48*	45*	64*	81*	9 7 *	32*	97	93	82*	75*
75	40*	42*	5) *	69	94*	89	93	94*	80*	78
76	39*	51*.	72*	68*	85*	91	98	93	95*	91*
77	28*	54*	58*	85*	90*	92*	99	90*	92*	63
78	36*	32*	73*	71*	39*	90	36*	91	94*	76
79	28*	40*	58*	69*	33*	34	37*	37*	35∗	77.
90	40*	37*	⇒2¢	96*	93*	73	95	91	37*	76
81	53*	61*	75*	79*	81*	90	92	86*	35 *	704
32	35*	46	62*	73*	84*	8 5	90	93	35*	784
83	37*	43*	53*	76*	74*	9O*	96*	93	88*	774
84	42*	62*	48*	80*	78	36*	90*	96	86*	70
85	37*	51*	67*	65*	33*	93	93*	92*	92*	714
86	41	35	82*	37*	89*	90	94*	86*	85*	73*
87	47*	50	71	81*	81*	95	92*	88*	92*	734
88	45	46	53*	75*	88*	100	100*	104*		

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MONTHLY	MAXIMUM TEMPERATU	IRES IN FAHRENHEIT
	FROM SUMMARY OF	DAY DATA

	+06	LD ANGS	HI			PERIOD OF RECORD: 6406-8808 MONTH: ALL HOURS: ALL						
•••	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
• • •	•••••	• • • • • • •	95	102	97	86	76	76	4 0	102*		
	79	87	97	96	94	82	80	67	50	97		
	70	87	94	100	91	88	80	60	49	100		
	72	91	91	90	86	82	81	61	53	91		
	79	85	92	89	95	85	91	69	54	95		
	71	88	93	92	91	84	83	63	43	92		
	88	90	94	94	93	88	79	55	60	94		
	77	7 8	93	86	89	89*	81*	66*	42	93*		
	73*	87*	89	92	93	84	73	55*	44*	93*		
	71*	76*	88	93	92	86	80*	60*	41*	93*		
	31*	97*	32*	97	93	82*	75*	68*	45*	97*		
	69	94*	89	93	94*	80*	78*	67*	58*	94*		
	68*	85*	91	98	93	95*	91*	58*	45*	98*		
_	85*	90*	92*	99	90*	92*	63*	60*	45*	99*		
	71*	89*	90	36*	91	944	76*	73*	40*	94*		
	69*	33*	84	37*	37*	85*	77*	48*	48*	87*		
	96*	93*	73	93	91	87*	76*	63*	45*	96*		
	79*	81*	3 0	92	86*	35*	70*	64*	34*	92*		
	73*	84*	85	90	93	35*	78*	63*	63*	93*		
	76*	74*	90*	96*	93	88*	77*	63*	32*	96*		
	30*	78	36*	90*	96	86*	70	56*	59*	96*		
	65 *	33*	93	93*	92*	92*	71*	50*	32*	93*	***************************************	
	37*	89*	90	94*	86*	85*	73*	58*	34*	94*		
	81*	81*	95	92*	88*	92*	73*	67*	47*	95*		
	75*	38*	100	100*	104*			-	-	104*		

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OPERATING LOCATION 'A' MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
USAFETAC, ASHEVILLE NC FROM SUMMARY OF DAY DATA

STATION NUMBER: 726436 STATION NAME: VOLK FLO ANGB WI PERIOD OF RECORD:
LST TO UTC: +06 MONTH: ALL HOUR

YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT

GREATEST TOTAL OBS

THE GREATEST VALUE OF 104 JCCURRED ON 08/16/88

NOTE: *THE VALUE IS SASED ON A MONTH WITH LESS THAN TOR OF THE DATA AVAILABLE FOR T

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					·	na na campana a sa ma		-			. 1
	_, _ ** <u>,</u>										
THLY			TURES IN OF DAY DA		IT						
OLK	FLD ANGB	MI				D OF REC	DRD: 640				
PR	MAY	Jun	JUL	AUG	SEP	UCT	VOV	DEC	ANNUAL		. •
••••	•••••	• • • • • •		• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		,
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			-								
										···	
• • • •	• • • • • • • •	• • • • • • •		• • • • • • •		• • • • • • • •	• • • • • • • • •	• • • • • • • •			
6	94	100	102	104	95	91	76	63	104		
9	630	702	697	708	609	610	547	565	7470		
••••					•••••	·····	• • • • • • •		• • • • • • • •		,
.04	JCCURR	ED ON	08/16/88								. ,
A M	TIN HTMC	H LESS 1	70P NAH	OF THE O	AVA ATA	ILABLE F	OR THE MO	HTAC)
-		E =)

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMB	ER: 72643		TION NAM		FLO ANGB	MI			PERTOD MONTH:	OF RECO	RD: 6
YEAR	, JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	UCT	יכא
64	• • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	42	50	39	30	20	-3
. <u>- 64</u>	-19	-17	-9" -	24	37	45	48	38	34	26	14
66	-25	-12	10	27	25	41	47	49	29	22	9
67	-24	-17	-7	25	27	45	46	36	28	26	7
68	-20	-7	14	21	33	44	47	39	43	26	18
69	-16	-5	-3	27	35	41	49	46	40	18	10
7 0	-22	-18	5	23	35	44	45	43	35	27	6
71	-23	-27	-2	18	30	44	44	42	40*	31*	13
72	-17*	-11*	-6*	20*	42*	44	52	50	37	20	19
73	-13*	-2*	27*	28*	39*	49	54	49	36	34*	19
74	-17*	-14*	0*	28*	35*	52*	54	49	25*	23*	27
75	-6 *	-6*	- 7*	18	47*	52	52	47*	33*	29*	- 1
76	-18*	-1*	10*	35*	34*	50	52	48	31*	15*	-6
77	-23*	-3*	14*	24*	41*	40*	50	50*	46*	35*	16
78	-13*	-8*	-3*	26*	38*	40	51*	47	33*	29*	3
79	-25*	-16*	4 *	15*	32*	50	54*	51*	37*	24*	21
80	-6*	-9*	2*	32*	38*	40	55	57	34*	28*	15
31	-3*	-10*	20*	34*	41*	56	54	53*	42*	24*	13
8 <i>2</i>	-16*	-13	8*	18*	39*	45	58	41	37*	20*	12
93	-8*	7*	16*	23*	40*	50*	57*	54	37*	29*	15
84	-21*	0*	3.₩	35*	38	58*	53*	41	29*	24	20
85	-24*	-27*	4*	31*	44*	43	43*	52*	37*	284	5
36	-17	-8	-2*	30*	41*	48	58*	42*	38 *	29*	7
87	-11*	9	12	21*	37≉	41	59*	49*	35*	25≉	20
88	-21	-11	12*	30*	44*	44	57*	58*			

DNTHLY MINIMUM_TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

			D: 6406 URS: ALI	OF RECOR	PERIOD MONTH:			MI	LD ANGB	+06
	ANNUAL	DEC	VON	UCT	SEP	AUG	JUL	JUN	MAY	APR
,	-11*	-11	-3	20	30	39	50	42	••••••	
	-19	-11	14	26	34	38	48	45	37	24
	-25	9	9	22	29	49	47	41	25	27
	-24	-20	7	26	28	36	46	45	27	25
	-20	-16	18	26	43	39	47	44	33	21
	-16	-9	10	18	40	45	49	41	35	27
	-22	-13	6	27	35	43	45	44	35	23
-	-27*	-2	13*	31*	40*	42	44	44	30	18
	-17*	-15*	19*	20	37	50	52	44	42*	20*
	-13*	-8*	19#	34*	36	49	54	49	39*	23*
	-17*	17*	27*	23*	25*	49	54	52*	35*	28*
	-7*	-5*	-1+	29*	33*	47*	52	52	47*	18
	-18*	-16*	-6*	15*	31*	48	52	50	34*	35*
	-23*	-8*	16*	35*	46*	50*	50	40*	41*	24*
	-13*	-5*	3*	29*	33*	47	51*	40	39*	26*
	-25*	10*	21*	24*	37*	51+	54*	50	32*	15*
	-9*	-4*	15*	28*	34*	57	55	40	38*	32*
	-10+	-7*	18*	24*	42*	53*	54	56	41*	34*
	-16*	4*	12*	20*	37*	41	58	45	39*	13*
	-22*	-22*	16*	29*	37*	54	5 7 *	50*	40*	23*
	-21*	-1*	20*	24	29*	41	53*	58*	38	35*
	-27*	-17*	5*	28*	37*	52#	48*	43	44*	31*
	-17*	-9*	7*	29*	38*	42*	58*	48	41*	30*
	-11+	14*	20*	25*	35*	49*	59*	41	37*	21*
	-21*			-	-	58*	57*	44	44*	*O£

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MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER:	726436		STATION NAME: VOLK FLD ANGB WILST TO UTC: +06							PERIOD OF RECO		
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ		
			• • • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	•••••	

LEAST -25 -27 15 25 15 TOTAL OBS 697 708 608 610 599 630 702 611 621 02/02/71 OCCURRED ON -27 THE LEAST VALUE OF

NOTE: *THE VALUE IS BASED ON A MONTH WITH CESS THAN 90% OF THE DATA AVAILABLE FOR TH

E - 3 - 28

					entere com a configuração de la constante de l					
				***		·				
ITHLY	MINIMUM S	TEMPERAT	TURES IN I	FAHRENHE	IT.					
VOLK 6	FLD ANGB	ні			PERIOD MONTH:	OF RECO	RD: 6400			
APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL	
• • • •	• • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •		• • • • • • • • •	
	t ter manage			* 1 March 1994 (Principle)						
						·				
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			· 			· ·				
									-	
						· · · · · · · · · · · · · · · · · · ·			-	
						· · · · · · · · · · · · · · · · · · ·				
••••	•••••					• • • • • • •	• • • • • • •			
15	25	40	44	36	25	15	-6	-22	-27	
• • • •	• • • • • • • • •						• • • • • • •			
• • • •	630	702	697	708	608	610	547	565	-27 -7470	
99	630	702	697	708	608	610	547	565	7470	
99 	630 OCCURRE	702 ED ON	697 02/02/71	708	808	610	547	565	7470	
99 	630 OCCURRE	702 ED ON	697 02/02/71	708	808	610	547	565	7470	
99 	630 OCCURRE	702 ED ON 1 LESS 1	697 02/02/71 THAN 90% (708 DF THE (808	610	547 R THE M	565	7470	
99 27	630 OCCURRE	702 ED ON 1 LESS 1	697 02/02/71	708 DF THE (808	610	SAT	565	7470	
15 99 -27 N A I	630 OCCURRE	702 ED ON 1 LESS 1	697 02/02/71 THAN 90% (708 DF THE C	808 TAVA ATA	610	547 R THE M	565	7470	

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MONTHLY MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMB		LST	TION NAME TO UTC:	+06	_		÷-		PERIOD MONTH:	OF RECORDS
YEAR	JAN	FEB	MAR	APR	YAM	'nnr	JUL	AUG	SEP	ост
64	• • • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	72	75	69	61	49
64 65	15	18	26	44	62	69	71	68	59	51
66	8	21	36	43	54	69	74	69	60	50
67	20	13	33	47	52	68	70	65	59	48
68	18	18	40	49	55	67	71	70	62	52
69	13	22	26	49	59	60	71	73	62	48
70	10	20	30	49	50	57	74	70	62	52
71	9	18	28	45	55	71	67	66	65*	57*
72	15*	19*	29*	46*	65*	69	71	72	63	48
73	23*	24*	43*	47*	56*	59	73	72	62	53*
74	20*	20*	32*	50*	57*	63*	75	73	60*	53*
75	24*	22*	29*	43	07*	69	75	72*	59*	54*
76	13*	29*	38*	52*	61*	71	75	73	62*	46*
77	4*	27*	42*	56*	72*	69*	78	68*	62*	51*
78	13*	14*	30*	49*	52*	58	72*	72	65₩	50*
79	7*	17*	33₩	45*	56*	69	72*	70#	64*	49*
80	18*	20*	31*	52*	66*	69	77	73	52*	49*
81	20*	27*	40*	54*	62*	72	73	72*	62*	49*
9 <i>2</i>	10*	18	32*	47*	62*	65	74	69	62*	51*
83	22*	28*	34*	45*	55*	70*	77*	76	61*	51*
34	17*	33*	2હ∗	51*	59	73*	72*	72	59*	53
85	14*	20*	41*	56*	67*	68	75*	71*	62*	50*
86	17	18	39*	52*	62*	70	75*	67#	62#	51*
87	22*	29	39	50*	62*	73	79*	70+	63*	47*
98	14	17	374	50*	67*	76	31*	81*		• •

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

OLK F	FLD ANGS	MI			PERIOD MONTH:		RD: 6406 [.] Burs: Ali			
PR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	4 -444
••••	• • • • • • •	72	75	69	61	49	39	19	•••••• 55*	
4	52	69	71	58	53	51	36	31	46	
.3	54	69	74	69	63	50	35	22	45	
7	52	68	70	65	59	48	33	24	45	
9	55	67	71	70	62	52	36	20	46	
9	59	60	71	73	62	48	35	21	45	
9	60	59	74	70	62	52	35	20	46	
5	55	71	67	66	65*	57 *	39*	26	46*	
6*	65*	69	71	72	63	48	36*	19*	47*	
7*	56*	69	73	72	62	58*	39*	24*	51*	
0*	57 *	63*	76	70	60*	53*	42*	31*	51*	
3	۰7∗	69	75	72*	59*	54*	44*	25*	50*	
2*	61*	71	75	73	62*	46*	34*	13*	50*	
66*	72*	69*	78	68*	62*	51*	40*	21*	51*	
9*	52*	58	72*	72	65*	50*	41*	21*	49*	
5*	56*	69	72*	70*	64*	49*	35*	31*	47*	
2*	66*	69	77	73	62*	484	38*	23*	51*	
4*	62*	72	73	72*	62*	49*	40*	20*	51*	
7*	62*	65	74	69	62*	51*	35*	29*	4 #	
5*	55*	70*	77*	76	61*	51*	39*	12*	49*	
1*	59	73*	72*	72	59*	5 3	37*	26*	50*	
6*	67*	63	75*	71*	62*	50*	33*	10*	43*	
2*	62*	70	75*	67*	62*	51*	34*	24*	47*	
0*	62*	73	79*	70*	63*	47*	42*	30*	51*	
0*	67*	76	91*	81*			•		50*	

MONTHLY HEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER:	726435	SINITON MANCE APEN LES MASS MA							PERIOD MONTH:	_	CORD: 6
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	N:
•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • •	••••

15.2 21.0 33.8 69.2 73.7 70.7 61.5 48.5 60.3 MEAN 708 608 610 697 TOTAL DAS 611 572 621 599 630 702

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR TH

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HEAN TEMPERATURES IN FAHRENHEIT ROM SUMMARY OF DAY DATA D ANGB WI PERIOD OF RECORD: 6406-8808 WONTH: ALL HOURS: ALL MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL D ANGB WI PERIOD OF RECORD: 6406-8808 WONTH: ALL HOURS: ALL AND DEC ANNUAL D ANGB WI PERIOD OF RECORD: 6406-8808 WONTH: ALL HOURS: ALL AND DEC ANNUAL D ANGB WI PERIOD OF RECORD: 6406-8808 WONTH: ALL HOURS: ALL AND DEC ANNUAL D ANGB WI PERIOD OF RECORD: 6406-8808 WONTH: ALL HOURS: ALL AND DEC ANNUAL D ANGB WI PERIOD OF RECORD: 6406-8808 WONTH: ALL HOURS: ALL AND DEC ANNUAL D ANGB WI PERIOD OF RECORD: 6406-8808 WONTH: ALL HOURS: ALL AND DEC ANNUAL D ANGB WI PERIOD OF RECORD: 6406-8808 WONTH: ALL HOURS: ALL D ANGB WI PERIOD OF REC							, + <u></u>			
HEAN TEMPERATURES IN FAHRENHEIT ROM SUMMARY OF DAY DATA ANGO WI PERIOD OF RECORD: 6406-8808 MONTH: ALL HOURS: ALL ANY JUN JUL AUG SEP UCT NOV DEC ANNUAL ANY JUN										
HEAN TEMPERATURES IN FAHRENHEIT ROM SUMMARY OF DAY DATA ANGB WI PERIOD OF RECORD: 6406-8808 MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL .3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										
ANGB HI PERIOD OF RECORD: 6406-8808 MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL 3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										
PERIOD OF RECORDS 6406-8808 MONTH: ALL HOURS: ALL MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL 0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 49.3					eii				A	
MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL 0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 49.3			UAT U	· · · · · · · · · · · · · · · · · · ·	PERIO	n OF REC	ORD: 640	6-8808		
MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL AND DEC ANNUAL 3.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3					MONTH	: ALL	HOURS: A	LL		•
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3				AUG		OCT	VCM	DEC	ANNUA	<u>. </u>
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										····
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3				and an electrical service of						
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										
.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3								-		
0.3 69.2 73.7 70.7 61.5 50.7 37.0 22.6 43.3										
•										
•										
•										
•			72.7	70.7		50.7		22.4	(3.3	•
530 702 697 708 608 610 547 565 7470	0.3 5	9.2	13.1	70.7	ō1.2	50.7	37.0	24.5	40.0	
	530	702	697	703	608	610	547	565	7475	•
	ia alta i	ESS TH	IAN 90%	OF THE	DATA AVA	ILABLE P	OR THE Y	ranth '		
TH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH		E = 4	- 18	***						
H WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH					=					
H WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH										

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

NOITATE	NUMBER:		LST TO UTC: +			PERIO:		CORD: AUG 73
HOURS LST		STANDARD DEVIATIO	N 08\$		LE o	LE 32	GE 65	
00-02	.0	.000	0	• • • • • • • • • • • • • • • • • • • •	0	0	0	0
03-05	•0	•000	0		0	o	0	0
96-09	11.8	14.941	418		103	391	0	0
09-11	14.3	13.652	1011		174	928	0	0
12-14	19.0	12.474	1011		77	862	၁	0
15-17	20.4	11.904	723		33	608	3	0
18-20	• 0	•000	C		o	c	Ö	O
21-23	• 0	•000	0		0	0	o	c
ALL HOURS	15.9	13.443	3153		392	2789	0	0
				4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		MONTH	FEB	
00-02	.0	•000		• • • • • • • • • • • • • • • • • • • •	0	0	0)
03- 05	• 0	.000	3		o	0	0	• •
90-90	16.3	13.993	453		75	401	າ	0
09-11	21.2	13.183	9 7 5		70	751	0	o
12-14	26.3	12.158	974		17	633	0	C
15-17	27.4	12.046	731		12	451	0	0
18-20	• 0	.000	c		0	o	o	э
21-23	• 0	.000	э		0	ò	0	· · · · · · · · · · · · · · · · · ·
ALL HOUPS	23.5	13.327	3133		174	2236	9	o

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

JUL

F

GB WI PERIOD OF RECORD: AUG MONTH: JAN	73 - JUL	98
MEAN NUMBER OF HOURS WITH TEMPERATURE LE 0 LE 32 GE 65 GE 80 G	S DEG F E 93	TOTAL HOURS
0 0 0 0	0	0
0 0 0	0	0 .
103 391 0 0	0	418
174 928 0 0	o. ·	1011
77 862 0 0	0	1011
38 608 0 0	0	7 26
0 0 0 0	o o	0
o o o	o	0
392 2789 0 0	_ 0	3168
MONTH: FEB		
	0	•••••
o o o	ō	0
75 401 2 0	0	453
70 751 0 0	0	9 7 5
17 633 0 0	o - · · -	974
12 451 0 0	0	731
0 0 0 0	o	0
5	o	5
174 2236 0 0	0	3133

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY DASERVATIONS

STATION	NUMBER:	LS	T TO UTC: +			· · · · · · · · · · · · · · · · · · ·	MONTH	I: MAR	CORD: AUC
HOURS LST	MEAN	STANDARD DEVIATION	035	• • • • • • • • • • • • • • • • • • •		NUMBER	DF HOUR LE 32	HTIW 2	TEMPERATU
00-02	.0	.000	Ö	• • • • • • • • • • • • • • • • • • •		ĵ	0	3	<u> </u>
03-05	.0	.000	0			0	0	0	0
80-60	28.6	11.638	393			6	247	0	o
09-11	33.5	11.525	1024			1	479	.	
12-14	38.3	11.926	1034			0	332	27	2
15-17	39.7	11.849	657			0	175	20	1
18-20	• 0	.000)		-	ð	, 9 ·		o
21-23	. 3	•000	О			0	0	0	o
ALL HOURS		12.293		• • • • • • • • • • • • • • • • •		7	1233	54	3
							MONTH	: APR	
00-02	• 0	.000	0	• • • • • • • • • • • • • • • • • •	• • • • • •	0	0	0	0
03-05	.0	.000	э			0	ō	, , ,	ŋ
06=08	43.8	9.929	433			0	46	12	o
09-11	49.5	11.073	974			0	49	95	4
12-14	54.2	12.250	994			. 0	27	194	25
15-17	55.0	12.519	589			0	17	132	17
18-20	.0	.000	0			ō	0	Ō	o
21-23		.000	. 0			0	0		
ALL HOURS		12.253	2990			0	139	433	46

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DRY	BULB	TEMP	RATURE	SUMMARY
FF	EDM HE	JURL Y	DBSERV	ATIONS

NAME: VOLK FLD ANGB	мг	PERIO MONTH	D OF RI	CORD: AUG	73 - JUI	. 88	
OTAL 235	MEAN NUMBER				GE 93	TOTAL HOURS	
0	0	0	J	0	0	0	
1	· · · · · · · · · · · · · · · · · · ·	- · · · · · · · · · · · · · · · · · · ·	. 0	0	0		
393	6	247	0	0	0	378	
:: 24	, <u>- 1</u> -	479	7		σ	1024	
034	o	332	27	2	0	1034	
5 5 €	0	175	20	1	o	669	
· •			o	ŏ-	· · · · · · · · · · · · · · · · · · ·	- · · · · · · · · · · · ·	
2	0	0	٥	o	0	0	
125	7	1233	54	3	0	3125	· · · · · · · · · · · · · · · · · · ·
		МОЛТН	H APR				
• • • • • • • • • • • • • • • • • • •	0	0	0	0	0	9	
)	ō	0	0		0		
÷33	0	46	12	0	0	433	
174	0	49	95	4	0	974	-
.74	· o	27	194	25	- · · · - T · · ·	- 99 4	·
) ₅ 9	o	17	132	17	2	589	
0	o	O	0	0	0	- n n	
3			0		0		
1 99		139	433	 46	3	2990	
• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • •	• • • • • • • • • •		• • • • • •	

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	į	LST TO UTC: +	-			MONTH:	YAP	CORO: A	iug 1
HOURS LST	MEAN	STANDARD DEVIATIO	TOTAL N DBS		MEAN	NUMBER	OF HOURS	GE 65	GE 80	
20-02	• 0	.000		• • • • • • • • • • • • • • • • • • • •	• • • • •	0	0	0	0	••••
03-05	•0	.000	0			0	0	0	0	
06-08	56.6	9.266	663			0	0	151	3	
09-11	63.5	10.023	1028			. 0	0	468	51	
12-14	67.9	10.259	1024			0	0	657	122	
15-17	68.7	10.239	463			0	0	311	62	
18-20	•0	.000	o			0	0	о	0	
21-23	.0	.000	0			0	0	0	o	
ALL HOURS	64.2	10.911	3183			0	0	1587	248	
							MONTH:	NUL		
00-02	•0	.000	0	• • • • • • • • • • • • • • • • • • •	• • • • • •	Ö	0	0	0	• • • •
03-05	• 0	.000	Э			3	0-	0	0	
80-00	64.9	7.282	776			0	0	392	13	
09-11	70.6	7.945	1197			٥	0	921	165	
12-14	74.8	8.114	1198			. 0.	0	1067	361	
15-17	75.6	8.328	770			0	0	699	252	
18-20	•0	.000	0			0	0	o	၁	
21-23	•••	.000	ა			<u>0</u>	0	-	<u> </u>	
ALL HOURS	71.7	8.915	3931			0	0	3079	906	

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

2							
N NAME: VOLK FLD ANGB WI UTC: + 6		PERIOD MONTH:		ECORO: AUG 7	3 - Ju	JL 88	
OTAL Gas	MEAN NUMBER LE 0	OF HOURS	WITH GE 65	TEMPERATURES GE 80 GE	DEG F	TOTAL	
)	0	0	0	0	0	0	
?	o	0	0	0	0	0	
563	0	0	151	3	0	668	
n28	. 0	0	468	51	0	1023	
7.24	0	0	657	122	6	1024	
463	0	0	311	62	2	463	
ა	0	. 0	. 0	ō-	Ò	<u>0</u>	
, °	o	0	э	o	0	o	
1 13	0	. 0	1587	248	8	31 43	
		MONTH:	JUN				
0	0	0	0	0	0	0	
)	3	. 0.		۵	0	<u> </u>	
770	0	0	392	13	0	776	
1 47	٥	0	921	165	2	1197	
143			1067	361	10	1198	
110	0	0	699	252	12	770	
n	0	o	0	0	0	n	
J	0	-0	0		0	0	
231	0	0	3079	806	24	3931	

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	726435 ST LS	ATION NAME: T TO UTC: +	VOLK FLD ANGB WI	2.4	PERIOD MONTH:		CORD: AUS
HOURS LST		STANDARD DEVIATION	TOTAL OBS	• • • • • • • • • • • • • • • •	MEAN NUMBER			
00-02	.0	.000	0		0	0	0	0
03-05	• 0	.000	0		0	0	o	
06-08	70.3	6.496	739		0	0	605	65
09-11	76.1	6.772	1137	-		0	1091	344
12-14	80.5	7.019	1146		0	0	1123	646
15-17	81.3	7.298	632		c	o	674	419
18-20	.0	•000	o		0	Ő		o
21-23	•0	•000	0		0	0	0	0
ALL HOURS	77.3	7,986	3704		. 0	ō	3498	1474
						MDNT4:	AUG	
00-02	.0	.000	0	••••••		0	••••	0
03-05	•0	.000	0		0	· o	0	0
06 - 08	65.8	6.418	773		0	o	465	11
09-11	72.1	6.526	1195		0	0	1051	155
12-14	76.5	7.037	1193		0	0	1140	402
15-17	77.4	7.292	690		0	0	658	284
18-20	•0	•000	o		0	0	o	0
21-23		.000	ŋ		0	0	o	o o
ALL HOURS	73.2	8.049	3851		O	0	3314	952

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		· · · · · ·	<u>-</u>		••	-		
4		TEMPERATURE S Urly Observat						
: VOL	K FLD ANGB WI		PERIO MCNTH		CORO: A	UG 73	JUL 38	
••••	••••••	MEAN NUMBER LE 0			TEMPERATI		F TOTAL HOURS	
.,		0	0	0	0	0	0	
		0	- o ·	9	···· 0	0		
•		0	0	605	65	0	739	
•		ō	0	1091	344	4	1137	
		0	0	1123	646	44	1146	
		o	o	674	419	32	682	
		. 0	Ö	0	o		 	
		0	o	0	o	0	o	
_		9	o	3498	1474	80	3704	
			MONTH	AUG				
••••	••••••	0	0	0	0	0	0	
		0	o ·	0	o	D	n	
		0	o	455	11	o	773	
		0	0	1051	155	1	1195	
		o	0	1140	402	8	1193	
		0	0	658	284	A	590	
		0	0	• 5	0	ō	σ	
		-	0	σ	0	-	<u> </u>	

0 0 3314 952 17 3951

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY DBSERVATIONS

		L	.st to utc: +	=		-	HTMCM	SEP	ะตรจำ
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL 1 OBS	• • • • • • • • • • • • • • • •	MEAN	NUMBER LE 0	OF HOURS	GE 65	
00-02	.0	.000	J	• • • • • • • • • • • • • • • • •	• • • • • •	Ö	0	0	0
03-05	•0	.000	0			0	o	0	0
80-00	56.0	9.344	542			0	4	125	1
09-11	62.8	3.883	943			9	0	403	39
12-14	67.2	9.677	998			0	0	583	120
15-17	67.9	9.561	463			0	0	294	60
18-20	• 0	.000	э			o	0	o	ń
21-23	• 0	.000	0			0	o	0	0
_		10.279		• • • • • • • • • • • • • • • • • • • •		0	4	1410	220
							HTMOP	-	
00-02	.0		0	• • • • • • • • • • • • • • • • • •	••••	0	0	0	0
03-05	•0	.000	o			٥	0	ō	า
06-08	45.3	9.622	59 7			0	54	15	ა
09-11	51.4	9.170	957			Ó	8	35	ı
12-14	55.9	9.843	980			٥	3	198	4
15-17	56.6	9.948	439			0	ı	93	2
18-20	•0	.000	c			0	0	0	3
21-23	.0	.000	o			Ď	0	0	ō
ALL HOURS	52.4	10.482	2983			0	66	391	7

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

	L 00	- 306	. UG 7	CORD:	SEP	MONTH	!	: VOLK FLD ANGB AT + 6
	TOTAL HOURS	DEG F	GE	GE 80	GE 65	32	MEAN NUMBER OF LE 0 LE	
	0	0	• • • •	0	0	Ó	0	
	ົວ	0		0	o	0	0	
	642	0		1	125	4	o	
	988	0		39	403	Ŏ	9	
. •	998	3		120	588	0	0	
	463	3		60	294	0	o	
	Ö	о		Ō	0	0	o	
	0	э		0	o	0	0	
	3091	,5		220	1410	4	o	
					ост	чонтн	,	
	0	0	••••	0	o	0	0	
·	0	0		ŋ	c	0	3	
	59 7	0		ა	15	54	o	
	967	0		1	85	8	0	
	· · · · · · 980· · ·	0		4	198	3	o	
-	439	0		2	93	ı	0	
	0	0		0	0	0	0	
	2	- · · · · · · · · · · · · · · · · · · ·			0	ō)	
· · · ·	2983	0		7	391	66	0	

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	L	STATION NAME: + :OTU OT TZJ		ANGB HI		40	ONTH:	VOV :	ECORD:	AUG 7	73 -
HOURS LST	MEAN	STANDARD DEVIATION	N OBS	•••••	•••••	MEAN NUME	BER OF I	HOURS				S DE E 93
00-02	Ö	.000		. • • • • • • • • •	•••	()	0	0		0	····
03-05	• 0	.000	o			()	0	э	(0	9
96-98	33.1	10.822	273			á	2 13	25	0	(0	Ò
09-11	37.3	11.030	802		٠	1	L Ž	57	1	(Ó	0
12-14	41.3	11.574	811			() 10	69	19	())
15-17	41.9	11.579	544			() t	15	11	(0	9
19-20	.0	.022	•			•)	3	0	(o	О
21-23	.0	.000	0			· ·)	0	С	:	o)
ALL HOURS		11.630	2430		• • • • • • •		5 5	76	31	(0	· · · ·
							MI	ONTH:	DEC		3.2.0	
00-02	.0	.000	ე	• • • • • • • • • • • • • • • • • • • •	•••••	(0	5	(o	3
03-05	.0	.000	3			,)	า	o	(9	'n
06-03	13.6	13.735	284			35	; 24	49	3	(0)
09-11	21.4	12.944	852			70) 69	98	0	(၁	0
12-14	25.2	12.032	855			3.	7 6	15	0	(0	7
15-17	25.3	11.551	526			19	31	80	າ	(0	3
18-20	٠.	.000	9			()	0	0	,	o	5
21-23	•0	.000	0) <u>-</u>	0 -	0		0	0
ALL HOURS	23.3	12.725	2517			15	7 19	42	0	, , , , , , , , , , , , , , , , , , ,	o	3

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

	JUL 38	G 73 - J	ORD: A	DO OF RE		· · · · · · · · · · · · · · · · · · ·	F: VOLK FLD ANGE WT -
	F TOTAL Hours	RES DEG GE 93	GE 30	GF 65	OF HOUR	MEAN NUMBER LE 0	
	0	0	0	0	ō	0	.
	0	0	0	3	Ó	0	
	273	0	o	o	125	2	
		o	0	- 1	257	1	
	311	o	9	19	169	0	
	544	0	O	11	115	o	
	.	0	0		С	j	
	0	0	c	0	0	0	
• 	2430	0	0	31	676	3	
				## DEC	MONTH		
	0	5	0	9	0	0	
	O	0	0	o	o	•	
	254	2	0)	249	35	
	852	0	o	0	698	70	
	955	. 0	σ	0	615	37	
± 14	526	0	0)	380	15	
	0	0	o	0	0	0	
		2	<u> </u>			3	
	2517	0	o	o	1942	157	

)

ORY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:		TATION NAME: ST TO UTC: +	VOLK FLD ANGE WI 6			DD OF RE H: ALL	ECORD: AU
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL JBS	• • • • • • • • • • • • • • • •	MEAN NUMBER LE 0	DF HOUS LE 32	RS WITH GE 65	TEMPERATU GE 30
00-02	.0	.000	0		0	0	Ō	0
03-05	.0	.000	0		0	2	0	0
06-38	48.2	21.669	6454		221	1517	1765	98
09-11	49.4	23.491	12140		316	3180	4122	769
12-14	53.9	23.417	12218		131	2541	5013	1632
15-17	52.8	24.003	7294		65	1747	2892	1107
18-20	.0	.000	0		J	0	0	o
21-23	• 0	•000	n		0	0	0	О
ALL HOURS	51.3	23.394	33106		733	9085	13797	3 656

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

/OLK FL	D AN	ઉટ	WI				PERIO MONTH:			CORD:		AUG 7	3 -	JÜL	86	 	 	
		•••	•••	MEAN	NUMBER LE 0					TEMPE GE			_		TOTAL HOURS	÷		
, 	••••	•••	• • •	••••	0	• • • •	0	• • • •	Ó	• • • • •	o	• • • • •	0		0	 	 -	
					0		c		0		0		0		0			
					221	15	17	17	65		98		0		6454			
					316	31	80	41	22	7	69	•	7		12140		 <u></u>	
					131	25	41	50	13	16	32		72		12218			
					65	17	47	28	92	11	07		59		7294			
					J		0		0		0		0.0	-	Ö		 	<u></u>
					0		0		0		0		0		С			
	• • • • •			•••••	733	90	85	137	97	36	56		138		33106	-	 	

E = 5 = 1 = 7

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UPERATING LOCATION MAM USAFETAC. ASHFVILLE NO

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

NCITATZ	YUMB¤Q:	LS	T TO UTC: + 6	C FLD ANGB WI PERIOD ÖF RECORD: MONTH: JAN
HOURS LST	ME VA	GFACKATZ NLITAIV3G	TOTAL UBS	MEAN NUMBER OF HOURS WITH TEMPE LE 32 GE 50 GE 67 GE
00-02	.0	.000	0	0 0 0
03-05	•0	• วบา	n	o o
96 - 03	10.7	14.257	413	404 0 0
09-11	12.8	12.953	1010	969 0 0
12-14	16.7	11.710	1011	930 o c
15-17	17.9	11.179	723	o61 0 0
18-20	. o	.000	n	0 0 0
21-23	• ?	.000	o	0 0 0
AUNS2 VET		12.633	3167	2963 0 0
				MONTH: FEB
00-02	.0	.000	9	0 0 0
03-05	• 0	.000	9	0 0 0
05-08	14.7	13.291	449	420 C 3
09-11	18.9	12.294	966	833 C 0
12-14	22.7	10.917	954	764 1 0
15-17	23,5	10.713	723	561 4)
18-20	• 2	.000	n	0 0 0
21-23	• 0	.000	0	מ ס כי
ALL HOURS	20.6	12.032	3106	2579 5 0

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

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TON NAME: VOLK FLO ANGB WI To utc: + 6		PERIOD MONTH:		RD: AUG	73 - JUL	38	
TOTAL Jas	MEAN NUMBER (Le 32 (GE 73	GE 80	HOURS	
0	0	0	0	0	0	0	
n	c	0	0	··· o	0	0	
413	404	0	0	0	o	418	
1010	968	0	Ŏ	0	<u>2</u>	1010	
1011	930	0	0	0	o	1011	
723	661	0	0	0	0	728	
n	o	0	9	0	о	· · · · · · · · · · · · · · · · · · ·	
0	0	0	0	o	0	0	
3167	2963	0	o	3	0	3167	
		MONTH:	FEB				
<i>′</i>	o	0	ე	0	0	0	
ò	o	0	0	o	0	0 "	
449	420	o	Э	0	Ć	448	
966	833	0	2	0	0	966	
364	764	1	0	o = .	o	- ' 964'	
723	561	4	Э	э	0	72R	
n	o	o	э	9	0	0	
o	·· <u>5</u>	0	3	9	5	ठ	
3105	2578	5	0	o	0	3106	

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WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STÁTION			LST TO UTC: +			HTMOM	
HOURS LST	MEAN	CITAIVED	TOTAL N OBS	• • • • • • • • • • • • • • •	MEAN NUMBER		S WITH TEMPE
00-02	.0	.000		• • • • • • • • • • • • • • • • • • • •	9	Ö	0
03-05	•0	.000	0		0	0	2
06-03	25.8	10.703	398		307	6	0
09-11	29.5	10.049	1021		533	32	9
12-14	32.6	9.612	1034		529	54	O
15-17	33.5	9.294	563		322	34	o
18-20	• 0	.000	0		0	o	0
21-23	.0	.000	э		0	э	0
ALL HOURS	30.4	10.123	3121		1791	125	0
						нтиск	: APR
00-02	.0	.000			0	0	9
03-05	٠٥	•000	0		0	0	С
96 - 09	39.7	3.403	433		94	41	ΰ
09-11	42.0	8.698	974		114	185	1
12-14	44.4	8.898	994		81	254	. B
15-17	44.7	3.911	589		47	151	7
18-20	٠٥	•000	o		0	0	9
21-23	• 0	.000	o		0.	5	· ··· - <u>0</u> ·
ALL HOURS	42.9	9.012	2990		336	641	16

WET BULB TEMPERATURE SUMMARY FROM HOURLY DBSERVATIONS

VÜLK FLD ANGB WI		PERIOD MONTH:	OF RECO	RD; AUG	73 - JU	IL 88	
• • • • • • • • • • • • • • • • • • • •	MEAN NUMBER LE 32	OF HOURS GE 50	WITH TEN		ES DEG F GE 80	HOURS	
• • • • • • • • • • • • • • • • • • • •	0	Ö	0	0	0	Ó	
	0	0	c	0	0	o	
	307	6	o	0	0	398	
	633	32	·)	Ö	0	1021	
	529	54	0	о	o	1034	
	322	34	0	0	0	668	
	0	0	Ö	3	o	Ó	
	o	0	0	0	o	c	
	1791	125	0	0	0	3121	· · · · · · · · · · · · · · · · · · ·
		:HTMCM	APR				
	0	0	0	9	0	0	
	. 0	0	· 5	0	ō	ō	
	94	41	0	2	0	433	
	114	185	1	0	0	974	
	ð1	254	8 · · ·	- ن ن	, <u>o</u>	994	
	47	161	7	0	0	569	
	0	0	0	0	o	O	
	<u>.</u>	- 5	0	- 5		0	
	336	641	16	0	0	2990	

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WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	L	st to utc: +	= = = = = = = = = = = = = = = = = = = =		MOI	PIJO OF RE	
HOURS LST		STANDARD	280		MEAN NUM	BER OF H	DURS WITH	TEMPERA
00-02	.0	•000	0	• • • • • • • • • • • • • • •	• • • • • • • • • • •	0	Ŏ Ô	0
03-05	.0	.000	0			0 (o o	3
06-08	50.9	8.412	668			3 35	5 18	t
09-11	54.3	3.253	1027			3 71	9 81	13
12-14	56.2	7.975	1024			0 80	8 119	13
15-17	56.6	7.721	453			0 37	1 57	4
18-20	.0	•000	0			o	o o	3
21-23	• ၁	.000	o			၁	າ ວ	o
ALL HOURS	54.5	3.335	3132			3 225	3 274	31
						MD	NTH: JUN	
00-02	.0	.000	0		• • • • • • • • • • • •	o	ი ა	o o
03-05	.0	.000	c			o	0 0	0
06-0ª	50.3	6.518	776			0 71	0 107	14
09-11	61.5	5.641	1195			0 114	7 297	55
12-14	63.2	5.455	1193			0 119	2 391	101
15-17	63.9	6.370	770			e 76	9 271	55
19-20	.0	.000	o			0	ი ა	ว
21-23	.0	.000	0			ŋ	<u>σ</u> –.c	o
ALL HOURS	62.0	6.758	3929		• • • • • • • • • • • •	0 381	9 1065	245

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WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

HAME: VOLK FLD ANGB WI		MONTH		CORD: AJG	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
4L 5	MEAN NUMBER LE 32		GE 67		ES DEG F GE 80	TOTAL HOURS	
;	0	o	0	0	0	δ	
)	0	0	3	၁	0	0	
	3	355	18	1	c	558	
1	э	719	81	13	0	1027	
•	0	808	119	13	o	1024	
•	0	371	57	4	С	453	
,	c	o	o	3	0	5	
,	0	0	С	0	o	0	
· · · · · · · · · · · · · · · · · · ·	3	2253	274	31)	3182	
		MONTH	JUN				
· · · · · · · · · · · · · · · · · · ·	0	0	0	0	0)	
1	o	o	0	o	0	5	
7	0	710	107	14	0	776	
•	0	1147	297	65	2	1145	
•	0	1172	391	101	5	1198	
'n	0	769	271	65	5	770	
•	o	0	o	•	0	5	
J		- 0	c			<u> </u>	
29	0	3819	1065	245	12	3929	

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WET BULB TEMPERATURE SUMMARY FORM HOURLY DESERVATIONS

		l.	STATION NAME: - ST TO UTC: +	6				PERIOO MONTH:	JUL	-
HOUPS LST	MEAN	STANDARD DEVIATION				MEAN	NUMBER LE 32	OF HOURS	HITH GE 67	TEMPERA
20-02	•0	.000	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • •	•••••	••••	3	0	0	3
03-05	.0	.000	0				0	0	э	o
o6 − 08	64.3	5.697	737				c	736	235	49
39-11	66.9	5.526	1134				Э	1134	593	206
12-14	58.4	5.591	1143				0	1143	717	293
15-17	68.7	5.435	681				3	531	443	150
18-20	· ɔ	.000	9)	o	0	5
21-23	. 5	.000	0				0	0	0	S
ALL HOURS	67.2	5.379	3695	•••••	• • • • • • • •	••••)	3694	2038	716
								MONTH:	AUG	
00-02	.0	.000	9	•••••	• • • • • • • •	• • • •	0	••••••••••••••••••••••••••••••••••••••	••••	0
03-05	.0	.000)				0	0	0	O
06-08	61.7	5.162	770				0	745	176	29
09-11	64.7	5.731	1191				0	1182	459	191
12-14	65.2	5.956	1183				o	1136	5 7 6	169
15-17	65.9	5.913	58 7				0	684	342	128
19-20	• 0	.000	5				0	0	0	၁
21-23	.0	.000	J				o '	σ	ō	٥
ALL HOURS	64.9	6.187	3836	• • • • • • • • •	• • • • • • • •		0	3797	1554	426

WET BULB TEMPERATURE SUMMARY FROM HOURLY DESERVATIONS

* VOLK FLD ANGB	1 k	PER TO	O OF REC	ORD: AUG	; 73 - JU	L 88	
	MEAN NUMBER LE 32	GE 50	S WITH T GE 67	GE 73	GE 80	HOURS	
	3	0	0	0	0	0	
1	o	0	٥	0	o	0	
	3	736	285	49	0	737	
	c	1134	593	206	3	1134	
	0	1143	717	293	22	1143	
})	631	443	168	17	681	
	c	o	0	c	0	ó°	
-	0	0	n	٥	3	o	
)	3694	2036	716	42	3695	
		мантч	: AUG				
1	0	0	o	0	0	0	
I	0	0	O	0	٥	Ō	. , , , , , , , , , , , , , , , , , , ,
	0	745	176	29	0	77 0	
	0	1182	458	101	0	1191	
	o	1186	576	168	10	1188	
	_	684	342	128	9	697	
•	0	004					
	0	0	0	0	0	Ó	
		0			0	0	
	0	0	٥	o		-	

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HET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		L	st to utc: +			PERIOD MONTH:	SEP	
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	• • • • • • • • • • • • • • • •	MEAN NUMBER LE 32	OF HOURS	WITH GE 67	TEMPERATURE GE 73 G
00-02	.0		0		0	0	ō	0
23-05	.0	.000	э		c	О	C	0
06 - 08	52.6	9.157	633		3	402	40	5
09-11	56.5	8.126	965		ĵ	776	121	27
12-14	58 .6	9.403	973		•	859	139	57
15-17	54.9	3.235	452		c	407	90	32
18-20	٠,	•000	0		0	0)	9
21-23	. ა	.000	3		3	o	ΰ)
ALL HOURS	56.7	² .754	3020	• • • • • • • • • • • • • • • • •	9	2444	440	121
						:HTMCP	OCT	
00-02		.000	0	• • • • • • • • • • • • • • • • • • •	0	,	9	0
03-05	٠.	•000	9		0	0	c	ŋ
96 - 98	41.9	9.253	595		38	120	4)
09-11	45.9	3.488	967		48	313	12	0
12-14	48.3	3.450	990		23	411	17	0
15-17	43.7	3.620	439		10	190	10	ð
18-20	•0	.000	0		0	0	o	C
21-23	•0	•000	0		σ	<u>O</u>		· · · •
ALL HOURS	46.3	9.029	2982		169	1034	43	0

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HET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	GE 80 0 0		GE 67		MEAN NUMBER LE 32	L
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0	0		0	·
0 630	0		0			
1 965	-	5		0	c	•
•	1		40	402	3	•
7 974		27	121	776	0	
1 / 1 /	7	57	139	859	0	
2 452	2	32	90	407	O	
0 0	n	o	0	0	0	
0 0	0	2	ΰ	0	C	•
10 3920	10	121	440	2444	9	-
			OCT	:HTMCP		
0 0	0	Ö	၁	0	0	• • • • • • • • • • • • • • • • • • • •
0 0	n	ņ	၁	٥	c	
0 595	٥	o	4	120	33	
0 957	0	0	12	313	48	
0 980	ō	o	17	411	23	
0 439	o	ō	10	190	10	
o c	o	C	0	0	0	
0 0	σ	σ.	σ.	, 0	σ	
0 2982	0	o	43	1034	169	

HET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		1	ST TO HITCH A	VOLK FLU ANGS al 6		MONTH	N.71/	ORD: AL
HDURS LST	MEAN	STANDARD DEVIATION	797AL 948		MEAN NUMBER LE 32	OF HOURS GE 50	GE 67	EMPERATU GE 73
20-02	.0	.030)	• • • • • • • • • • • • • • • • • • • •	9	0	C	0
03-05	• 0	.000	0		0	0	0	၁
05-09	30.7	10.490	273		157	14	0	၁
09-11	33.7	10.307	20c		392	b0	Ú	¢
12-14	36.5	10.150	311		303	90	J	3
15-17	35.5	10.155	544		207	61)	า
13-20	• 0	•೧၁၁))	o	o	?
21-23	٠٥	• 100	r		0	0	3	ა
		10.454			1049		0	0
						MONTH:	9 î C	
00-02	. 0	.000	0	• • • • • • • • • • • • • • • • • • • •	0	0	0	Ú
03-05	.0	•000)		c	٥	0	၁
06 − 08	17.3	13.274	294		259	3	Э	٥
09-11	19.7	12.437	952		761	9	Э	၁
12-14	22.6	11.416	855		691	9	o	Э
15-17	23.1	10.967	525		428	6	3	0
19-20	• 2	•000	9		0	o	٥	C
21-23	• 0	•000	Э		3	၁	ð	Ō
ALL HOURS	21.1	12.094	2517		2139	27	0	0

HET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

HAME: VOLK FLO ANGB AI		PÉRIDO MONTH:		ORD: AUG	73 - JUL	. 88	- ···
CTAL		GE 50	GE 67	GE 73	SE 80	HフリRS	
	0	0	0	0	0	0	
n	0	0	0	0	0	2	
. 14	157	14	9	c	o	273	
·c2	392	60	Ú	0	0	902	
11	303	90	ა	э	0	411	
	207	61	2	9	0	544	
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;	1049	225	0	0	0	2430	
		момтн:					
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)	0	0	၁	0	0	0	
- · · •	259	3	0	0	э	284	
. >	761	9	c	0	0	852	
į · š	691	9	0	0	Ō	855	
(a)	428	6	э	0	0	526	
7	0	0	٥	0	0	0	
,	3	0	. 3	0 1	. σ.	····· T i	
17	2139	27	0	0	0	2517	
	• • • • • • • • • • • • •		• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • •	

HET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER		STATION NAME:		ANGB	H I				IDD OF R Th: ALL	ECDRD:	AUG
HOURS LST	MEAN	DRADNATZ NCITAIV3G	_	•••••	•••••	• • • •		NUMBER LE 32	OF HOU GE 50		TEMPERA GE 73	
00-02	.0	.000	0	•••••	• • • • • •	• • • •	• • • • •	Ö	0	ō	0	,
03-05	.0	.000	0					0	0	ა))	j
06 - 08	44.2	20.089	6431					1741	3132	630	98	ş
09-11	43.5	20.632	12094					3739	5557	1563	412	!
12-14	46.0	19.765	12175					3321	6007	2018	632	:
15-17	44.9	20.156	7275					2235	3368	1220	397	,
18-20	.0	.000	Э					c	0	0	o	,
21-23	• 0	.000	0					0	0	0	0	j
ALL HOURS	44.7	20.216					1	1037	18064	5431	1,539	;

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HET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

AMF: VOLK FLD ANGH HI C: + 5			ÕD OF RE H: ALL	CDRD: A	NUG 73 -	JUL 88	
 L	MEAN NUMBER LE 32			TEMPERAI GE 73		F TOTAL HOUKS	
	0	0	0	0	··· 0	0	
	0	0)	0	э	0	
	1741	3132	630	98	o	6431	
	3739	5557	1563	412		12094	
	3321	6007	2018	632	44	12175	
	2235	3368	1220	397	33	7275	
	Э	Ò	0	0	0	0	A
	0	0	0	0	0	0	
	11037	18064	5431	1539	8 3	37975	

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YPAMPUZ BRUTARBAMBT TRIDA WBD ZROITAYBZEG YJRUCH POPB

STATION	NUMBER:	L!	st to utc: +			40NTH	HAL:	CORD: AUG
HQURS LST		OFACHATE NCITAIVEC	28 S			OF HOUR GE 37	S WITH LE 55	TEMPERATUR GE 65
00-02	.0		()	• • • • • • • • • • • • • • • • • •	0	0	ე	0
03-05	• 0	•000	0		0	0	0	0
95 - 04	4.3	15.496	413		400	2	415	0
09-11	5.5	15.511	1010		947	5	1010	c
12-14	∂.2	14.662	1011		923	6	1011	Ô
1=-17	9.2	14.157	723		655	7	726	0
19+29	· 0	.000)		0	0	0	0
21-23	с.	.೧৩১	•		0	ŋ	э	0
ALC HIURS		15,199			2935	21	3167	5
						чомтч	: FE8	
00-02	. 0	.000		• • • • • • • • • • • • • • • • • • • •	Э	0	· · · · · · ·	ე
03 ≁05	. 0	•000	?		0	0)	Э
05=04	3.0	15.528	448		409	2	443	e
09-11	11.2	14.624	965		543	10	966	0
12-14	13.5	13.287	964		819	20	354	ɔ
15-17	13.6	13.264	723		614	10	723	9
13-20	• 0	.000	С		O	e	3	0
21-23	٠٥	.000	9		0	0	٥	b
ALL HOURS	12.0	14.194	3105	• • • • • • • • • • • • • • • • • • • •	2635	42	3106	0

5 - 5 - 3 - 1

DEW POINT TEMPERATURE SUMMARY FROM HOURLY GBSERVATIONS

VOLK FLO ANGS WI		PERTIN)))F RE	CORD: AUG 73 - JU	11 8 s	
6		HTNON	JAN	.00.101 400 10 01	00	
	MEAN NUMBER	OF HOURS	WITH	TEMPERATURES DEG F GE 65	TOTAL Houks	
• • • • • • • • • • • • • • • • • •	0	0	0	0	0	
	0	0	0	0	0	
	400	2	415	0	415	
	947	5	1010	O	1010	
	923	6	1011	o	1011	
	655	7	726	o	72 <i>=</i>	
	0	0	0	0	0	
	0	0	0	o	n	
	2935	21	3167	3	3167	
		момтн	FEB			
• • • • • • • • • • • • • • • • • • • •	0	0	0	0	964	
	0	0	c	Э	954	
	409	2	443	0	964	
	843	10	966	0	964	
	819	20	364	3	964	· • · · · · · · · · · · · · · · · · · ·
	614	10	728	0	964	
	0	o	0	0	964	
	0	0	0	o	964	
	2535	42	3106	e	3105	

POINT TEMPERATURE SUMMARY PROPERTY AND SECURITARY PROPERTY PROPERT

STATION	NUMBER:		LST TO UTC: +			HTMOM	: MAR	CORD: AUG 73
HOURS LST		STANDARD JEVIATIO	N JBS		MEAN NUMBER LE 27	GE 37	S WITH LE 55	TEMPERATURES
00-02	.0				0	0	0	5
03-05	٠.	.000	n		0	0	0	э
76-03	19.5	12.254	393		235	24	398	0
09-11	21.7	11.524	1021		696	39	1020	0
12-14	23.0	11.222	1034		665	105	1034	o
15-17	23.1	10.740	653		442	50	666	9
18-29	• 0	•900)		0	0	0	0
21-23	.0	•000	'n		9	0	၁	9
	22.2	11.434	3121	••••	2033	279	3120	3
						MONTH	: APR	
00-02	.0			•••••	0	0	0	0
03-05	.0	.000	b		9	0	٥	0
06-03	31.9	9.906	433		146	125	428	ò
39-11	32.5	10.649	374		322	332	953	0
12-14	32.9	10,909	994		326	346	972	2
15-17	32.5	10.873	589		208	198	571	0
19-20	.0	• 200	2		0	О	С	5
21-23	.0	•000	o		· • • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	° 5	- · · · · · · · · · · ·
	32.5	10.703			1902	1001	2935	U

DEW POINT TEMPERATURE SUMMARY FROM HOURLY DBSERVATIONS

Ė.

: VOLK FLD ANGB AI		PERIO:		IRD: AUG 7	3 - JUL 88	
,	MEAN NUMBER LE 27	DF HOURS		MPERATURES GE 65	DEG F TOTAL HOURS	
-	3	0	0	5	0	
	0	0	0	c	0	
	285	24	398	0	39 8	
	696	39	1020	0	1021	
	665	105	1034	0	1034	
	442	50	666	9	563	
	0	0	0	0	0	
	0	0	c	o	ი	
-						
	2038	278	3120	3	3121	
		MONTH	: APR			
	0	0	0	0	994	
	0	0	٥	0	994	
	146	125	428	ð	994	· -
	322	332	953	0	994	
	326	346	972	0	**********	
	208	198	577	0	934	
	0	0	o	0	994	
					994	
	1002	1001	2935	0	2990	

. . .

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	LS	t to utc: +	=			PERIOD MONTH:		CORD: AUG 1
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL 08S		ŧ	Ē 27	GE 37	LE 55	TEMPERATURES GE 65
00-02	.0	.000		* * * * * * * * * * * * * * * * * * * *	•••••	0	0	o	0
03-05	• 0	•000	0			0	c	0	0
06-08	45.5	10.044	668			26	543	550	14
09-11	46.3	10.594	1027			40	833	799	44
12-14	46.4	10.871	1024			41	830	788	49
15-17	46.4	10.730	453			21	382	358	18
18-20	• 0	.000)			0	0	С	0
21-23	٠.٥	•000	c			3	0	o	c
ALL HOURS	45.2	10.630	3132	••••		128	2588	2495	125
•••							*HTMCM	JUN	
00-02	.0	. 200	n	• • • • • • • • • • • • • • • • • • • •	•••••	0	0	٥	9
03-05	.0	.000	0			0	0	٥	0
06-0a	54.5	7.769	775			•)	771	432	38
09-11	55.3	8 • 5 3 3	1125			0	1174	596	137
12-14	55.5	3.856	1198			0	1185	594	209
15-17	55.0	3.731	770			0	752	363	134
18-20	• າ	.000	9			0	0	o	0
21-23	٠,	.000	n			0	0	С	0
ALL HOURS	55.3	8.552	3929		••••	J	3892	1990	618

E - 5 - 3 - 3

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POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

	73 - JUL 88	CORD: AUG	DD DE RE H: MAY			ILK FLD ANGB WI
	S DEG F TOTAL HOURS	TEMPERATURI GE 65	RS WITH LE 55	GE 37	MEAN NUMBER LE 27	
	Ö	0	0	0	Э	• • • • • • • • • • • • • • • •
	0	0	0	c	0	
	568	14	550	543	26	
	1027	44	799	833	40	
	1024	49	788	830	41	
	463	18	358	392	21	
		0	o	0	0	
	a	C	0	0	Э	
	3192	125	2495	2588	128	•••••
			NUL :H	TACM		
	1199	9	0	0	0	••••••
	1198	0	ŏ	Ø.	0	
	1196	38	432	771	9	
	1198	137	596	1174	0	
- · · · · - · · · · · · · · · · · · · ·	Ilos	209	594	1185	0	
	1198	134	368	762	0	
	1199	0	0	0	0	
	1198	0		σ.	• 0	
	3929	618	1990	3892)	

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DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	Ĺ	ST TO UTC: .		73
HOURS LST	MEAN	STANDARD		MEAN NUMBER OF HOURS WITH TEMPERATUR	ES 0
00-02	.0	.000)	DE 27 GE 37 LE 55 GE 65	••••
03-05	•0	.000	•	0 0 0 0	
06-08	60.6	6.597	737	0 737 189 234	
09-11	61.5	7.109	1134	0 1134 250 429	
12-14	61.7	7.541	1143	0 1143 254 450	
15-17	61.5	7.366	681	0 681 152 242	
18-20	•0	.000)	o o o	
21-23	• ၁	.000	9	0 0 0	
ALE HOURS	61.4	7.271	3695	0 3595 845 1355	••••
				MONTH: AUG	
00-02	.0	.101	()	0 7 0	••••
03-05	• 0	•000	3	0 0 0	
06-03	58.9	7.230	770	0 767 243 198	
09-11	63.1	7.538	1191	0 1194 311 367	
12-14	60.0	9.353	1133	1 1177 333 396	
15-17	60.5	3.009	687	0 684 189 237	
18-20	. 3	.000	0	0 0 0 0	
21-23	.0	.000	o) o o	
ALL HOURS	59.9	7.885	3836	1 3312 1067 1183	• • • • •

E - 5 - 3 - 4

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

:	VOLK FLO ANGS AT 5	* * *	PERIO		CORD: AUG	73 - JUL 88	
	•••••		OF HOURS	WITH LE 55	TEMPERATURE GE 65	S DES F TOTAL HOURS	
	• • • • • • • • • • • • • • • • • • • •)	0	0-	0		
		0	o	э	э	0	
		0	737	189	234	737	
Ĭ		o	1134	250	429	1134	· · · · · · · · · · · · · · · · · · ·
		0	1143	254	450	1143	
		0	681	152	242	631	
		o	0	0	0	O.	
		0	n	c	C)	
		၁	3595	845	1355	3695	
i .	•		MONTH	AUG			
ï		0	ე	0	0	1189	
í		o	0	0	0	1138	
		0	767	243	198	1109	-
1		0	1184	311	357	1198	
İ		1	1177	333	396	1183	
A 1		0	684	180	237	1188	
		0	0	0	0	1188	
į		J "	0	0	0	1185	
į		1	3312	1067	1183	3336	
1	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	••••••	•••••	• • • • • • • • • • •	• • • • • • • • • • • • •	

b

DEW POINT TEMPERATURE SUMMARY EROM HOURLY UBSERVATIONS

STATION	NUMBER:		LST TO UTC: +			PERIO MONTH		CORD: AUG 73
HOURS LST		STANDARD DEVIATIO	SEC N		LE 27	GE 37	Lc 55	
00-02	.0	ەدە.		• • • • • • • • • • • • • • • • • • • •	J		0	
03-05	•0	.000	0		2	c	0	o
36- 08	49.5	10.356	630		15	552	452	4 a
09-11	51.5	10.033	905		13	897	620	105
12-14	51.9	10.831	273		16	397	592	140
15-17	52.2	10.563	452		5	416	282	÷9
10-20	. 3	• 199)		3	9	G	9
21-23	c.	.000	7		С))	o
		10.520		••••	4.3	2752	1946	352
						мамтн	: 301	
00-02	.0	.000	ń	••••••	0	5	3	0
73- 05	· 0	.000	Э)	o	5	9
06- 08	37.3	10.565	594		84	314	561	6
09-11	39.3	10.539	957		76	5 7 9	979	3
12-14	40.2	10.939	980		196	673	884	12
15-17	40.4	11.309	439		51	273	395	5
18-20	• 0	.000	0		Э	0	ว	o
21-23	• 0	.000	c		3	0	c	٥
ALL HOURS	39.6	10.890	2982	*************	347	1769	2713	32

DEW POINT TEMPERATURE SUMMARY FROM HOURLY DBSERVATIONS

	PERIO MONTH	DO DE REC 1: SEP	DRD: AUG 7	3 - JUL 6H	
MEAN NUMBER LE 27	OF HOUR	RS WITH T	EMPERATURES GE 65	HUURS	
· · · · · · · · · · · · · · · · · · ·	0	0	0	0	
n	o	0	0)	
15	552	452	48	53 0	
13	897	620	105	965	
16	387	592	140	973	
5	416	282	59	45.2	
Э	0	С	0	n	
С	c)	0	n	
49	2752	1946	352	3020	
	момтн	: DCT	• • • • • • • • • •	••••	
0)	3	0	7 80	
Ĵ	o	0	0	980	
84	314	561	6	989	
76	579	979	3	980	
106	603	834	12	950°°°	
51	273	395	5	980	
c	0	•	0	990	
5	0	c	٥	980	, and the same regard tension
347	1769	2718	32	2932	
	MEAN NUMBER Le 27 0 0 15 13 16 5 0 0 49 49 106 51 0	MONTH MEAN NUMBER OF HOUSE LE 27 GE 37 0 0 0 0 15 552 13 897 16 387 5 416 0 0 0 0 49 2752 MIDNIM 0 0 84 314 96 579 106 603 51 273 0 0 0 0	MONTH: SEP MEAN NUMBER OF HOURS WITH THE LE 27 GE 37 LE 55 0 0 0 0 0 0 0 0 15 552 452 13 897 620 16 387 592 5 416 282 0 0 0 0 0 0 49 2752 1946 MONTH: OCT 0 0 0 84 314 561 96 579 978 106 603 834 51 273 395 0 0 0 0 0 0	MONTH: SEP MEAN NUMBER OF HOURS WITH TEMPERATURES LE 27 GE 37 LE 55 GE 65 0 0 0 0 0 0 0 15 552 452 48 13 897 620 105 16 387 592 140 5 416 282 59 0 0 0 0 49 2752 1946 352 MONTH: OCT 0 0 0 0 84 314 561 6 96 579 979 9 105 603 934 12 51 273 395 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MEAN NUMBER OF HOURS HITH TEMPERATURES DEG F TOTAL LE 27 GE 37 LE 55 GE 65 GE 65 HJURS 0 0 0 0 0 0 0 0 0 0 0 0 15 552 452 48 530 13 897 620 105 965 16 387 592 140 973 5 416 282 59 452 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		1	.sr to utc: +			MONTH	VCP :	CORD: A
Hกบรร	MEAN	STANDARD	TOTAL	• • • • • • • • • • • • • • • • •	MEAN NUMBER	_7F H3URS	ऽजाम । इ.स.	TEMPERAT
00-02	.0			• • • • • • • • • • • • • • • • • • • •	0	5	0)
03~05	.0	.000	2		0	9	9	9
05+06	25.9	12.159	273		153	57	271	9
09-11	27.6	12.230	302		417	198	795	7
12-14	25.5	12.352	811		363	195	795	ว
15-17	23.0	12.338	544		274	129	532	3
18-20	• Դ	•000)		0)	0	Ċ
21-23	.0	•030)		2	3	c.	÷
		12.343	2430	••••	1238			J
						MINTH	: DEC	
00-02	.0		ō	• • • • • • • • • • • • • • • • • • •	3	2	0)
03-05	. 0	•000	0		О	Э	5	3
06-03	12.2	15.176	284		245	ą	254	•
09-11	14.0	14.450	452		715	23	251	3
12-14	15.5	13.860	355		534	23	851	3
15-17	15.6	13.667	526		432	21	522	,
18-20	• 0	.000	0		0	2	2	3
21-23	.0	•000	0		0	ð	ō	ō
ALL HOURS	14.7	14,23)	2517		2075	30	2508	C

PRINT TEMPERATURE SUMMARY SUCTION WERE ALICED WERE

	- JUL Bo	AUG 73	ECORD		HDN1H:		VOLK FLO ANGB WIT
	หวบสร				7F HQURS GE 37	MMAN NUMBER LF 27	
	ე	0	• • • • •		9	0	
	2	0		c	2	0	
	273	0		271	5 7	159	
e en	302	3		796	198	417	
	811	С		796	195	363	
	544	0		532	128	274	
	n	0		0	ა	0	
	9	,		c	Э	2	
	2430	a		2395	569	1238	
		•••••		DEC	MONTH:		
	955	· · · · · · · · · · · · · · · · · · ·	• • • • •	••••	• • • • • • • • • • • • • • • • • • •	••••••••••••••••••••••••••••••••••••••	
	855	3		-	э	0	
	555	0		284	a	245	
	355	0		851	23	715	
	355	0		851	28	634	
	855	0		522	21	432	
	855	ა		9	9	0	
	955	ก		C	σ	. 0	
						-	
	25 17	0		2508	40	2075	

PRIME SUTAGEMENT TRIPS WED STREET ALICE WERE SUITAVESSED FOR THE SECOND FOR THE S

NCITATE	NUMBER:	-	:3MAN NCITATE + :3TU OT TZ		D ANGB	αÏ			IJD OF KE IH: ALL	fCGRD:	2 L A
HOURS EST	MEAN	STANDARD DEVIATION	TOTAL N OBS	•••••	•••••	••••	MEAN NUMBER LE 27		JRS WITH LE 55		
00-02	.0	.070	0	•••••	• • • • • •	••••	9	0	0	C	
03-05	• 0	•000	0				0	o	c	S	;
05 - 08	39.5	21.761	6431				1769	3912	4474	5 7 8	ŧ.
09-11	37.0	22.213	12094				4089	5449	9055	1141	i.
12-14	37.9	21.471	12175				3969	6526	7773	1256	,
15-17	36.3	21.971	7275				2722	362?	5490	695	
19-23	• 0	.000	J				7	C.	C	•	1
21-23	0.	•000	')				0	0	o	S	
ALL HOU≺S	37.5	21.478	37975				12549	20509	25.292	3570	

DEW POINT TEMPERATURE SUMMARY FROM HOURLY DBSERVATIONS

: VOLK FLD ANGS WI + 5			JD DF KE H: ALL	CORD: AS	JG 73 - JUL 88
	MEAN NUMBER LE 27		RS WITH LE 55		JRES DEG F TOTAL HOURS
	9	Ċ	Ö	C	O
	0	O	c	0	9
	1769	3912	4674	578	6431
	4039	5449	9055	1141	12094
	3969	6526	9073	1256	12175
	2722	3622	5490	695	7275
	7	o	O	0	0
	0	o	0	c	Ò
	12549	20509	25292	3670	37975

OPERATING		-		CUMULA			FREQUENC RLY 0856	Y OF OCCU RVATIONS	JRRENCE	OF RELAT	IVE
STATION A			LST TO	utc: + 6				1GM	NAL : HT		-
HJU₽\$ LST	10%	20%	30%	IVE HUMI 40%	DITY GRE 50%	ATER THA	N DR EQU 70%	4L TO 30%	90%	MEAN	• • • •
20-02	•••••	• • • • • • •	• • • • • • • •	• • • • • • •	••••••	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	.0	• • • •
03-05										• 0	
ეგ-ეა	100.0	100.0	100.0	97.5	95.5	75.4	47.3	20.3	9.1	69.3	
09-11	100.0	100.0	99.9	98.7	87.5	63.9	37.3	15.4	4.3	65.4	
12-14	130.0	100.0	99.8	93.9	73.9	49.2	25.9	10.9	2.1	50.1	
15-17	100.0	0.01	99.7	₹3.0	71.4	46.7	24.9	11.0	2.2	54.4	
13-20										•0	
21-23										• 0	
ALL HUURS	100.0	100.0	99 . 3	90.0	მა.5	56 . 7	32.4	13.6	3.7	.0	
••••••	• • • • • • •		• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • •
								MG	ON TH: FF	٩	
00 - 02				•••••		• • • • • • •	• • • • • • •	• • • • • • • •		.0	••••
03-05										• 0	
06-09	100.0	100.0	99.8	99.5	86.4	72.3	48.9	17.€	6.9	67.6	
29-11	100.0	100.0	99.5	96.2	3 0. 5	59.5	34.5	12.9	5.2	63.1	
12-14	100.0	100.0	99.0	37.3	63.3	40.0	20.9	7.9	3.7	56.7	
15-17	100.0	100.0	93.6	82.3	57.0	33.0	16.5	6.5	2.6	54.2	
18-27										. ၁	
21-23										• 0	
4LL H10~S	100.0	100.0	99.2	90.8	70.1	46.8	28.1	10.5	4.4	•0	

101	{								
-	СЭМЫ	_ATIVE PE	RCENTAGE FROM HOU	FREQUENC URLY DBS6	CY OF OCC ERVATIONS	URRENCE	OF RELAT	IVE HUMIDITY	
	4449: C: +	VOLK FLD	ANGS WI			RIGO OF NTH: JAN		AUG 73 - JUL 88	
[AL	75 HU1	MIDITY GRE	HT PETALE	N OR EQU	JAL TD 80%	90%	MEAN	TOTAL DBS	
		• • • • • • • • • •	• • • • • • • • •	• • • • • • •	••••••	•••••	.0	0	
~4	1						•0	0	
41	,,,5	95.5	75.4	47.3	20.3	9.1	69.3	418	
101	11.7	37.5							
101	ŧ		63,9	37.3	15.4	4.3	65.4	1010	
7 "	13.9	73.9	49.2	25.9	10.9	2 • 1	60.1	1011	
	73.0	71.4	46.7	24.9	11.0	2.2	59.4	72 8	
ر							• 0	0	
	-						.0)	
I •	-4.0	33.5	55.7	32.4	13.6	3.7	.0	3167	
				••••••	Mi	ONTH: FE	۹	•	
. 1	` • • • • • !	• • • • • • • •	• • • • • • • •	•••••	••••••	• • • • • • •	.0	ე	
4.	! !						• 0	0	
964	.,.5	96.4	72.3	48.9	17.6	6.9	67.6	44 A	
76 944	15.2	30.5	59.5	34.5	12.9	5.2	63.1	966	
	.7.3	53.9	40.0	20.9	7.9	3.7	56.7	964	
72	اد _• و به ا	57.0	33.0	16.5	6.5	2.6	54.2	72 8	
Î							•0	0	
- 1							•0		· · · · · · · · · · · · · · · · · · ·
104							• 0	0	
ł	15.3	70.7	46.8	28•1	10.5	4.4	• 0	3106	

_	NG LOCATI			CUMULA	-	CENTAGE F			JRRENCE	OF RELATIV
STATION	NUMBER:	726436		NAME: V		ANGB WI			RIDD OF NTH: MAR	RECORD: AL
HOURS LST	194	20%	RELAT			ATER THAN			90%	MEAN
00-02	• • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	.0
03-05										• 0
06 - 08	100.0	100.0	100.0	99.2	89.9	59.1	43.7	19.1	5.8	67.5
09-11	100.0	100.0	99.7	93.1	74.1	50.4	23.7	14.8	4.1	61.0
12-14	100.0	99.7	96.3	80.2	53.0	34.3	20.9	12.4	3.0	54.5
15-17	100.0	99.7	94.9	73.1	45.4	29.5	17.8	19.2	2.4	51.8
18-20										• 0
21-23										• 0
	100.0					43.3				• 0
•••••			•		• • • • • • •	••••••	•••••		ONTH: AP	
00-02	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •				•0
03-05										• 0
n6-06	105.0	100.0	99.H	73.3	73.1	55.0	37.2	21.2	5.5	63.5
09-11	100.0	22.7	92.1	73.7	52.7	37.4	24.7	13.4	3.7	54.3
12-14	100.0	97.9	78.3	55.0	37.4	25.4	17.7	10.4	2.6	47.3
15-17	100.0	96.6	76.4	50.4	33.4	23.1	15.0	10.9	3.7	45.7
18-20										• 0
21-23										• 0
ALL HOURS	100.0	98 . 5	85.7	65.1	47.5	33.1	22.5	13.0	3.7	• 0

E - 6 - 2

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY UBSERVATIONS

MI10

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	398 1021	.0 .0	90%	AL Ti) 30%	N DR ECU 70%	ATER THA	DITY GRE	_
9 398 1021 1034 668 0	398 1021	•0	• • • • • •				50%	404
398 1021 1034 669 0	398 1021				• • • • • • •	••••••	• • • • • • •	F
1021 1034 668 0	1021							
1034 668 0		67.5	5.8	19.1	43.7	59.1	89.9	79.2
66A 0 0	1034	61.0	4.1	14.8	23.7	50.4	74.1	33.1
o o	[0.14	54.5	3.0	12.4	20.9	34.3	53.0	47.2
າ	669	51.8	2.4	10.2	17.8	29.5	45.4	73.1
	э	• 0						ĺ
3121	2	• 0						_
	3121	•0	3.7	13.5	25.7	43.0	53.0	~5.3
		R	NTH: AP	Mſ				
0	n	•0	•••••	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	
0	0	• 0						
433	433	63.5	6.5	21.2	37.2	55.0	73.1	3 • ذ ز
974	974	54.3	3.7	13.4	24.7	37.4	52.7	73.7
994	994	47.3	2.6	10.4	17.7	25.4	37.4	99.0
539	599	45.7	3.7	10.9	16.0	23.1	33.4	50.4
o	o	• 0						
0	· · · · · · · ·	• 5						
2990	-							

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUM OPERATING LOCATION "A" FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO PERTOD OF RECORD: AUG 73 STATION NAME: VOLK FLD ANGE AT STATION NUMBER: 726436 LST TO UTC: + 6 YAM : HTNCH RELATIVE HUMIDITY GREATER THAN OR EQUAL TO HOURS 50% 60% 70% 30% 90% 40% MEAN LST 10% 20% 30% 10 .0 00-02 .0 03-05 06-08 100.0 99.7 96.9 87.6 69.4 44.9 28.3 67.9 100.0 8.3 56.1 09-11 100.0 99.7 95.3 31.2 59.1 40.0 25.0 12.3 2.8 7.4 49.2 12-14 100.0 99.1 87.8 62.5 43.4 28.9 16.5 2.2 15-17 100.0 98.7 84.4 56.5 42.3 28.3 15.6 6.5 2.4 48.3 .0 13-20 • 0 21-23 411 57.6 40.7 HOURS 100.0 99.4 92.7 74.9 25.2 13.2 . 0 NUL : PTNOM 00-02 ٠٥. 03-05 • 0 06-08 100.0 100.0 100.0 99.2 93.7 79.4 53.4 28.0 13.1 79.5 60.4 09-11 100.0 100.0 99.2 92.2 73.7 27.0 14.6 48.2 4.6 12-14 100.0 99.8 7.8 53.3 95.7 73.0 55.6 29.6 13.2 3.6 15-17 100.0 100.0 95.5 79.1 51.9 30.0 18.7 9.1 53.1 3.6 18-20 .0 21-23 .0 ALL • 0 39.9 HOURS 100.0 97.6 97.0 57.9 45.1 27.9 14.1 5.2

ULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

3's	: 1	/OLK FLD	ANGE 41			FRIOD OF BNTH: MAN		AUG 73 - JUL 89	
) 41 !	DITY GRE	ATER THA	N OR EOL 70%	JAL TO %GE	90%	MFAN	TOTAL JBS	
		••••••	•••••	• • • • • • • •	• • • • • • •	· • • • • • • • •	.0	0	e de la companya de l
							•0	O	
	,	87.6	64.4	44.9	28.3	ರೆ∙ಕ	67.9	56 ⁴	
;	·	59.1	40.0	25.0	12.3	2.8	50.1	1027	
1		43.4	28.9	16.5	7.4	2 • 2	49.2	1024	
,	3 .,	42.3	28.3	15.6	6.5	2.4	48.3	463	
. 1							• 0	n	the second of the second
∤	_						•0	•	
	, • • •	57.5	47.7	25.2	13.2	3,4	. 0	31 H 2	
- }					4	UL :PTMD	IN		
1	•••	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	••••••	.0	9	
							.0	C	e contraction and the second
4	,	93.7	79.4	53.4	28.0	10.1	70.5	776	
ŀ	?	73.7	48.2	27.0	14.6	4.6	60.4	1135	
1)	55.6	29.6	13.2	7.8	3.6	53.3	1198	
	i	51.9	30.0	13.7	9.1	3.6	53.1	770	
į							•0	O	
Į							• 0		t etial for the production of the same of
.)	57.9	45.1	27.9	14.1	5.2	• 0	3921	

	IG LOCATI			CUMULA	TIVE PER	RCENTAGE F				DF RELAT	IVF
			LST TO	UTC: + 6	•	ANGB AI		CM	NTH: JUL	="	
HOURS LST	10%	23%	RELAT 30%	IVE HUMI 40%	DITY GRE	ATER THAT	N OR EQU 70%	AL TO BO%	90%	MEAN	• • • •
00-02	******	•••••	• • • • • • • •	• • • • • • •	******	• • • • • • • •		• • • • • • • •	•••••	.0	
03-05										• 0	
06-03	100.0	100.0	100.0	99.9	98.0	84.0	56.6	31.3	12.2	72.5	
09-11	100.0	100.0	99.7	95.9	81.4	54.0	25.7	11.4	3.4	62.2	
12-14	100.0	100.0	98.2	35.3	54.9	33.5	15.5	6.6	2.0	54.6	
15-17	100.0	100.7	99.2	83.0	53.0	28.3	14.2	6.3	2.3	53.2	
13-20										٠,	
21-23										.0	
ALE HOURS					· · · ·	48.9					
•••••	• • • • • • • •					• • • • • • • •		М	UNTH: AL		
00-02	•••••	•••••	• • • • • • • •	•••••	*****	• • • • • • • •	• • • • • • •	• • • • • • •	•••••	.0	
03-05										•0	
95 - 08	100.0	100.0	99.9	99.5	97.9	93.0	31.0	53.1	25.6	79.3	
09-11	100.0	79.9	99.4	26.3	88.6	5 3.9	44.2	24.5	3.9	57.7	
12-14	100.0	99.9	37.7	91.3	70.0	43.4	24.0	12.3	5.5	58.8	
15-17	100.0	100.0	93.1	91.1	68.7	41.5	23.5	12.5	5.5	59.4	
18-20										• 0	
21-23										.0	
ALL HOURS	100.0	99.9	98 .7	94.6	81.2	60°• 9	41.7	24.3	10.9	.0	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

4	NAME: V	GLK FLD	ANGB #I			RIDD OF INTH: JUL		AUG 73 - JÜL	ลัย
	FIVE HUMI 40%	DITY GRE	AHER THA	N OR EQU 70%	JAL TO 80%	90%	MEAN	TOTAL OBS	
		•••••	• • • • • • •	• • • • • • •		•••••	.0	0	••
							• 0	0	
1	9).9	98.0	94.0	56.6	31.3	12.2	72.5	737	
3	95.9	31.4	54.0	25.7	11.4	3.4	62.2	1134	
į	35.3	58.9	33.5	15.5	6.6	2.0	54.6	1143	
1	53 . 0	53.3	28.3	14.2	6.3	2.3	53.2	681	
Ì							C.	O	
1							•0	o	
!	71.0	72.5	48.9	27.9	13.0	4.5	• 0	3695	
ĺ					м	UNTH: AU	s		••
١•		• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	•••••	•0	••••••••••••••••••••••••••••••••••••••	• •
							.0	, j	a , a
	34.5	97.9	93.0	31.0	53.1	25.6	79.3	770	
	95.3	88.6	53.9	44.2		7.9	57.7	1191	
	21.3	70.0	43.4	24.0	12.3	5.5	58.8	1188	
	91.1	68 . 7	41.5	23.5	12.5	5.5	59.4	68 7	
							• 0	n	
							• 0	O	
	94.6	81.2	60.9	41.7	24.3	10.9	• 0	3836	

E - 6 - 4

STATION	NUMBER:	726435	STATION	NAME:	VOLK FLD	ANGB WI			PERIAD DE	RECORD:
			LST TO	UTC: +	5				MONTH: SE	•
HOURS LST	10%	20%	RELAT 30%	TVE HU:	MIDITY GRI 50%	EATER THA	N DR EQUA 70%	L TO 30%		MEAN
00- 02	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • • •		• • • • • • •	• • • • •	• • • • • • • • •	.0
03~05										.0
06 - 08	100.0	100.0	99. 8	13.9	97.3	92.5	79.8	50.5	25.1	50.0
09-11	100.0	100.0	99.2	95.4	37.8	70.9	50.3	27.9	19.A	69.6
12-14	100.0	99.4	95.5	37.5	72.7	50.9	30.0	16.2	5.2	50.5
15-17	100.0	99.3	97.1	99 . 3	70.8	43.7	27.2	13.9	2.9	59.6
18-20										• 0
21-23										• 0
ALL HOURS				-	92.3	-	46.8	24.8	11.1	•0
									HENGH: 10	CT
00-02	• • • • • • • •			•••••	• • • • • • • • •		• • • • • • • •	• • • • •	• • • • • • • • •	.0
)3-)5										•0
05-08	199.0	190.0	99.5	98.5	34.3	86.9	72.0	44.0	14.3	75.7
09-11	100.0	100.0	99.0	94.4	83.5	64.0	44.5	24.8	7.0	55.1
12-14	100.0	39.6	95.4	34.7	64.6	44.1	27.1	14.4	5.2	57.9
15-17	100.0	79.5	94.3	92.9	60.1	40.8	27.1	14.6	6.4	57.0
13-20										.0
21-23										. 5
ALL HOURS	100.0	99 . 8	97.3	20.3	75.0	58.6	41.8	23.7	7.9	•0

<u>e</u> - 6 - 5

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

	N NAME: N UTC: + 6		ANGB WI		MC	INTH: SEP	•	AUG 73 - JUL 85	
	40%	50%	50%	N OR EQU 70%		90%	MEAN	TOTAL ORS	
	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	•••••	•0	0	e e e e e e e e e e e e e e e e e e e
							•0	0	
	33.9	97.0	12.5	79.8	50.5	25.1	90.0	£30	
. 2	95.4	3 7. ਰ	70.9	50.3	27.9	10.8	69.6	965	
. ÷,	39.5	72.7	50.9	30.0	16.2	5.2	60.5	973	
. 1	99.3	70.8	43.7	23.2	13.9	2.9	59.6	452	
							• 0	o	e e e e e e e e e e e e e e e e e e e
							• 0	Ģ	
3	73.4	92.3	65. 6	46.8	24.9	11.1	.0	3020	
					14	מר: חדאם	T		
	••••••	•••••	• • • • • • •	.0 0 0 .0 0 .77.8 50.5 25.1 50.0 530 50.3 27.9 10.8 58.6 965 30.0 16.2 6.2 60.5 973 27.2 13.9 2.9 59.6 452 .0 0 .0 0					
							•0	O	1 Annual Control of the Control of t
.5	98.5	94.3	86.9	72.0	44.0	14.3	75.7	596	
.,	94.4	83.6	64.0	44.6	24.8	7.0	55.1	957	
4	34.7	64.6	44.1	27.1	14.4	5.2	57.9	980	en e
F . 3	92.9	60.1	40.8	27.1	14.6	6.4	57.0	439	
							.0	0	*
							• 0	· - - · · · · · · ·	
7.3	90.3	76.0	58.6	41.8	23.7	7.8	• 0	2982	

	G LOCATI			CUMULA	TIVE PER	CENTAGE FROM HOU				OF RELAT	IVE HUMIO
STATION	NUMBER:			UTC: + 6	,			•	PERIDO DE VONTHE NOV	_	
HOURS LST	10%	20%	RELA1 30%	TIVE HUMI 40%	DITY GRE	ATER THA	N DR EQU 70%	AL TO 80%		MEAN	TOTA
00-02	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • • • • •	.0	••••••
03-05										• 2	
06-08	100.0	100.0	100.0	95.5	94.1	95.7	64.1	37.4	11.4	73.3	2
09-11	100.0	100.0	99.3	45.4	86.2	69.8	45.3	23.9	10.1	67.6	3
12-14	100.0	93.6	97.4	35.9	64.5	48.0	30.6	20.0	7.9	50.1	ń
15-17	100.0	100.0	27.2	32.2	62.7	45.2	29.2	16.9	5.1	58.5	τ,
18=20										. o	
21-23										· 0	
ALL HOURS	160.0	99,9	94.3	59.6	75.2	58 . 3	35.9	22.5	ರ∙6	• 0	24
								••••	MONTH: DE	С	
00-02	• • • • • • •		• • • • • • •	•••••	•••••	•••••	• • • • • • •	• • • • •	• • • • • • • • •	•0	•••••
03-05										. 3	
05-08	100.0	100.0	100.0	99.5	97.9	30.1	59.9	33.1	9.9	73.6	•
09-11	100.0	100.0	99.9	99.5	96.5	32.2	52.6	25.2	7.6	70.9	g.
12-14	100.0	100.0	79.4	98.1	36.1	60.6	33.A	17.5	5.1	64.7	į
15-17	100.0	100.0	99.2	97.3	93.1	54.2	30.8	17.1	5.1	53.5	5
18-20										•0	
21-23										•0	
ALL HOURS	100.0	100.0	99.6	98.6	90.3	69.9	42.5	21.8	6.7	· 0	25

SUMPLATIVE PERCENTAGE FREQUENCY OF DCCURRENCE OF RELATIVE MUMIDITY FROM HOURLY DBSERVATIONS

1246: 1	-			MO	PERIOD OF RECORD: AUG 73 - JUL 88 MONTH: NOV							
1 498	IDITY GRE	EATER THA	N DR EQU 70%	90%	90%	MEAN	TOTAL OBS					
· • • • • •	• • • • • • • •	• • • • • • • •	•••••	• • • • • • •	•••••	.0	0					
•						• 2	0					
1.3 4.5	94.1	95.7	64.1	37.4	11.4	73.8	273					
.7.4	85.2	69.8	45.3	23.9	10.1	67.6	802					
٠, • ،	65.5	49.0	30.6	20.0	7.9	50.1	811					
E • 2	52.7	45.2	29.2	16.9	5.1	58.5	544					
						· 0	2					
_						• 0	o					
, ,,5	75.2			22.6			2430					
1					ONTH: DE							
• • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	?					
						• 3	S					
5	97.9	90.1	59.9	33.1	9.9	73.6	284					
17.5	96.5	32.2	52.6	25.2	7.6	70.9	852					
·-•1	86.1	60.6	33.A	17.5	5.1	64.7	355					
77.3	93.1	54.2	30.8	17.1	6.1	63.5	526					
						•0	o					
						• 0	· σ					
13.6	90.3	69.9	42.5	21.8	6.7	c.	2517					

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUM-FROM HOURLY OBSERVATIONS

STATION	NUMBER:	726436		NAME: V		ANGB #I			RÍOD ÐÉ NTH: ALL	KEC0393:	AUG 73
HOURS LST	10%	204	RELAT 304	IVE HUMI 40%	DITY GRE 50%	ATER THA	N DR EQU 70%	AL TO 30%	90%	MEAN	T 7
00-02	• • • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • • •	•••••	.0	• • • • • •
03-05										•0	
05 - 08	100.0	100.0	99.9	93.6	93.0	80.1	55.9	34.5	13.2	72.3	•
09-11	100.0	99.9	90.6	92.7	79.0	58.4	35.4	18.2	5.0	63.3	1.
12-14	100.0	99.6	95•1	32.5	61.7	40.0	23.1	11.6	4.)	55.2	1.
15-17	100.0	99.5	94.9	80.5	53.1	35.9	21.5	11.0	3.7	55.1	
18-20										c.	
21-23										• 7	
AEL H∃U≺S	100.0	वव्•ध	37.0	Bo•1	71.8	52.1	33.1	17.5	6.2	51.0	3 °

MULATIVE PERCENTAGE EREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

: V	OLK FLO	ANGS #I			RIOD OF NTH: ALL	*EC0%D:	AUG 73 - JÜL 99	
	DITY GRE	ATER THA			90%	MEAN	TOTAL JBS	
· • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	•••••	.0	0	
						•0	0	
5.5	93.0	80.1	58.9	34.5	13.2	72.3	6431	
, , ?	79.0	58.4	35.4	18.2	5.0	63.5	12094	and the second s
	61.7	40.0	23.1	11.6	4.0	55.2	12175	
. 5	53.1	35.9	21.5	11.0	3.7	55.1	7275	
						•0	3	
						• 0	٥	
1	?1.B	52.1	33.1	17.5	5.2	61.0	37975	

55555555 66666666	AAAAAA AAAAAAA	स्प्रवृह्ण देशक स्थार स्थार		FFFFFFFFF FFFFFFFFF FF
bb ba	44 44	्रह । २० ६२	TT	FF
op pp	ΛΔ ΑΑ ΛΔ ΑΑ	245555555	TT	FFFFF
acotode	AA AAAAAAA	RRRRRRRR	7 T	#FFFFF FF
- 6 a d d d d d d d d	ΑΛΑΔΑΔΑΑΑ	२२ २२	ŢŢ	FF FF
60	Λ Δ Δ Δ Δ	રૂપ રહ	† † † †	FF
၃၁	44	구리 (#유 유규 구국	11	FF
c t	AA AA	२२ २४	, .	

and the second s

PART F

PRESSURE SUMMARIES

- ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:
 - THE BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
 - BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
 - BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- SEA LEVEL PRESSURE.

 IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL DESERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.
- ALTIMETER SETTING.
 IN INCHES DE MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL DRSERVATION COUNTS.
- STATION PRESSURE.
 IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND FOTAL DBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (Hg).

SEA LEVEL PRESSURE IN MILLIBARS FROM HOURLY OBSERVATIONS

the most of the second of the

STATE	DN NUMBES:	726436		N NAME:	VOLK FLO	ANGB WI			PERIOD O	F REC
HOURS (LST)	STATS	L'AL	FEB	MAR	Αυδ	MAY	NUL	JUL	AUG	2ë
0000	MEAN SD TOT DBS	.000	.000	.000	.0 .000 0	.000	.000	.000	.000	.0
0300	MAAM OS SPC TCT	.000 .000	.000 000	.0 .000 0	0. 000. 0	.000	.000	.000	•0 •000 0	• 0
0600	MEAN SO TOT OBS	.000 .000	.0 000.	.000 000		.000		000.000	.000	.0
0900	MEAN SD TOT OBS	1020+2 10+525 335	1019.8 9.694 324	1016.9 9.365 339	1015.8 9.177 322	1015.4 6.588 339		1016.0 4.714 375	1017.5 4.972 397	1019 6.5.
1200	MABM OZ PRO TET	1019.9 10.073 339	1019.3 9.513 325	1016.3 9.244 345	1015.1 3.725 336	1014.6 6.109 347	1014-1 6-910 401	1015.5 4.556 394	1015.9 4.729 401	1017. 6.2. 3;
1500	MEAN SO TUT OBS	1013.9 9.953 333	1018.2 9.237 322	1015.3 8.828 337	1014.1 8.129 324	1013.5 5.556 327	1013.2 5.825 390	1014.7 4.360 365	1015.6 4.673 390	1016.
1900	MEAN SD TOT 085	.000 .000	.000 0	.000	0.000	c. nco.	0. 000. 0	.000.	0.000 0000	.00
2100	MEAN SD TOT DBS	.000	.000 .000	.00 000	.000	.000	.000	•000 0000	.000	• 0 (
ALL ALL	MEAN SD TOT OBS	1019.7 10.203 1007	1019.1 9.507 971	1016.2 9.173 1021			1014.0 6.045 1135		1016.d 4.807 1179	1017, 5.31 91

SEA LEVEL PRESSURE IN MILLIBARS FROM HOURLY OBSERVATIONS

DA NAME: VOLK FLO ANGB WI D UTC: + 6 PERIOD OF RECORD: AUG 73 - JUL 88

										
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9.355 339	9•177 322	6.588 339	6.213 374	4.714 375	4 • 372 397	6.527 312	7.587 298	8 , 997 249	10.355 265	8.163 3949
1715.3	1915.1	1014.6	1014.1	1015.5	1016.9	1017.3	1017.6	1017.5	1018.5	1016.3
9.244 345	3.725 336	5.109 347	6.010 401	4.556 384	4.729 401	5•23 <i>2</i> 329	7.5?6 309	8•788 259	10.332 275	7.954 405)
1,15.3	1014.1	1013.5	1013.2	1014.7	1015.9	1016.3	1016.6	1016.7	1018.2	1015.9
337	8.125	5.856 32 7	5 • 825 390	4.360 365	4.673 390	6.056 297	7.173 291	8.60 7 250	9.735 251	7.6F8 3867
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	1016.9 1016.9 1016.3 339 1015.3 3.244 345 1015.3 .000 000 1016.2 9.173	1016.9 1015.8 1016.9 1015.8 1016.3 1015.1 10244 3.725 345 336 1015.3 1014.1 1015.3 1014.1 1015.3 337 1016.2 1015.0 1016.2 1015.0 1016.2 1015.0 1016.2 1015.0	1016.9 1015.8 1015.4 1016.3 1015.1 1014.6 1015.3 1015.1 1014.6 1015.3 1014.1 1013.6	1016.9 1015.8 1015.4 1014.6 0.010 345 336 347 401 1015.3 1014.1 1013.6 1014.1 7.244 8.725 5.856 337 324 327 390 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.00 .00 .000 .000 .000 .000 .000 .000	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.00 .00 .00 .00 .00 .00 .00 .000 .000	.00	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .

ALTIMETER SETTING IN INCHES FROM HOURLY DESERVATIONS

STATION NAME: VOLK FLO ANGO WI PERIOD OF RECORD: AUG STATION NUMBER: 726436 LST TO UTC: + 6 APR 4AY HOURS STATS JAN FEB MAR JUN JUL AUG SEP (LST) • 00 .00 .00 .00 ັ. ວ 0000 .00 .00 • 00 .00 .00 MEAN .000 .000 .000 SD .000 .000 .000 .000 .000 .000 .00 TOT OBS 0 0 .00 0300 MEAN .00 .00 .00 .00 .00 .00 .00 .00 .0 .000 .000 .000 .000 .000 SD .000 .000 .000 .000 .00 TOT DBS Э 0 0 0 0 0 0 MEAN •00 .00 .00 .00 .00 .00 0600 .00 .00 • 00 .0 SD .000 .000 .000 .000 .000 .000 .00 .000 .000 TOT OBS 0 0 3 0 O 0 . . MEAN 30.06 29.99 29.98 0900 30.06 29.96 29.97 30.02 30.35 30.07 30.0 .272 SO .297 . 270 .257 .190 .130 .134 .140 .21 . 183 339 339 TOT 285 335 325 394 375 322 397 324 31 MEAN 30.05 29.98 1200 30.05 29.96 29.35 29.95 30.01 30.04 30.05 30.0 .265 .235 .175 SD .271 .252 .174 .130 .136 .177 .21 TOT OBS 339 325 345 336 347 401 384 401 339 33 1500 MEAN 30.03 30.02 29.95 29.93 29.93 29.94 29.98 30.01 30.02 30.0 .233 .254 .253 .166 .171 SD .238 .163 •125 .134 .20 TOT 035 333 323 337 324 327 390 365 360 309 30 1800 MEAN .00 .00 .00 .00 .00 .00 .00 .00 .00 .000 .000 .000 .00 .000 .000 .000 .000 SD .000 -000 TOT OBS 0 0 - 0 0 0 0 0 .00 .00 MEAN .00 .00 .00 2199 .00 .00 .00 .00 • O+ -000 SD .000 .000 .000 .000 .000 .000 .000 .000 .00 TOT OBS 0 0 0 0 0 2 30.05 30.04 29.95 29.96 29.96 30.00 AL L MEAN 23.97 30.03 30.04 30.00 SD .253 HOURS .289 .269 .254 .179 .174 .131 .138 .178 .21 TOT OBS 1007 973 1021 982 972 1013 1185 1124 1178

ALTIMETER SETTING IN INCHES FROM HOURLY OBSERVATIONS

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139	322	339	394	375	397	324	318	263	282	4013	
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.95	29.93	27.93	29.94	29.98	30.01	30.02	30.01	29.99	30.02	29.99	
26,4	.238	.163	.166	.125	.134	.171	.209	.244	.275	.217	
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021	982	1013	1185	1124	1178	972	953	796	843	12047	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

STATION PRESSURE IN INCHES NOTITAL ACSES

STATI	ON NUMBER:	726435		N NAME: UTC: +		ANGB HI			besion o	F RECORD:	AUG 7
HOURS (LST)	STATS	JAN	FEB	MAR	4PR	YAN	NUL	JUL	AUG	SEP	100
2000	MEAN SO TOT OBS	.00 .000 0	.000	.00 .000 0	.00 .000 0	.00 .000 .0	00. 000. C	.00 .000 0	.00 .000 0	.00 .000	.00
0300	MEAN SD TOT UBS	.000	.000 .000	.000	.00 .006 0	.000	.000	.00 .000 0	.00 .000 0	.000	000. 000.
0600	MEAN SO TOT JBS	.so .co. o	.00 .000 0	.00 000. 0	.00 .000 0	.00 .000	000. 000.	00. 200.	00. 000. 5	.00 .000 0	.00 .000
9900	MEAN SD TOT OBS	29.07 .289 335	29.08 •254 325	29.01 .263 339	29.00 .260 322	29.00 •134 339	29.99 .175 394	29.04 .130 375	29.07 .136 397	29.08 .178 324	29.09 -213 -318
1200	MEAN SD TOT UBS	29.37 .277 339	29.07 .264 325	29.00 .259 345	28.98 •245 336	28.93 .171 347	29.98 •169 401	29.02 .126 384	29.06 .132 401	29.06 .172 339	29.05 .212 330
1500	MEAN SD TOT DBS	29.04 .275 333	29.04 •255 323	28.97 •243 337	28.95 .231 324	29.95 .163 327	28.96 •162 390	29.00 .122 365	29.03 .131 .330	29.04 •166 309	29.13 .203 .305
1300	MEAN SO TOT OBS	.00 .000 0	.00 .000 0	.20 .000 0	.000	•00 •000 0	.000	00. 000.	•05 •305 0	•00 •300 0	.00 .000 0
2100	MEAN SO TUT DBS	• 222 • 222 • 222	.00 .00)	.00 .000 0	.00	.30 .003	.00 000.	•09 •000 •	000. 000.	.000	.00 .000 0
ALL HOURS	MEAN SD TOT OBS	29.06 .280 1007	29.05 .262 973	23.99 -257 1021	28.98 •245 982	29.93 .174 1013	23.93 -169 1185	29.02 .127 1124	29.05 .134 1174	29.06 -173 -372	29.05 .211 .953

STATION PRESSURE IN INCHES FROM HOUPLY OBSERVATIONS

FILL ANGE WI

PERIOD OF RECORD: AUG 73 - JUL 88

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322 339 374 375 397 324 318 263 282 28.93 28.98 29.02 29.06 29.06 29.05 29.05 29.03 29.05 .245 .171 .169 .126 .132 .172 .212 .243 .254 336 347 401 384 401 339 330 272 292 28.95 28.96 28.96 29.00 29.05 29.04 29.03 29.01 27.04 .231 .163 .162 .122 .131 .166 .203 .238 .269 324 327 390 365 330 309 305 261 269 .60 .00<	29.04	29.05	29.05	29.58	29.08	29.07	29.04	28.99	29.00	
28.93	.224	. 284	.251	.213	.178		.130			
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336 347 401 384 401 339 330 272 292 28.95 28.96 28.96 29.00 29.35 29.04 29.33 29.01 27.04 .231 .163 .162 .122 .131 .166 .203 .238 .269 324 327 390 365 330 309 305 261 269 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .000 .000 .000 .000 .000 .000 .000	29.03	29.05		29.05	29.05	29.06	29.02	28.98		28.93
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.231 .163 .162 .122 .131 .166 .203 .238 .269 324 327 390 365 330 309 305 261 269 .60 .00 .00 .00 .00 .00 .00 .00 .00 .900 .000 .0	4111	292	27 2	330	339	401	384	401	347	336
324 327 390 365 330 309 305 261 269 .60 .00 .00 .00 .00 .00 .00 .00 .00 .000 .000 .000 .000 .000 .000 .000	29.00	27.04	23.01	29.03	29.04					
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PART G

YRAMMUZ CHIKZZERD

CROSSAIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-PUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE THO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OF RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL DRSERVATIONS INCLUDING PEMARKS, JUSTS, AND SPECIAL DRSERVATIONS.

PRSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCLEDS THE SPECIFIED THRESHULD WIND SPEED VALUE(S).

A TOTAL DESERVATION COUNT IS INCLUDED.

OPERATING LOCATION MAN USAFETAC, ASHEVILLE NO

TIME (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

ALL HOURS

•										44	GNETIC	RUNWI
STATION NUMBER:	72543			NAME: VO UTC: + 5	LK FLD	ANGE W	I	• • • • • • •		MÖ	10 0019 11 : HTV	٩N
			CAT	FGORY 4:	ANY CE	ILING	ଅବ VIS	IBILITY	(HOURLY	JAS JN	LY)	
			CAT	rgaky 3:	HIGHES	T A[NO	S REPO	RTED WIT	HIN THE	4708	(H)URL	ies +
TIME (LST)	• • • • •	200	00 - 02	:oo	•••••	030	0 - 05	00	•••••	050	o - oai	00
SPEED (KTS)	6510	6130	GE 26	ines.	3510	3E18	SE26	nes	GE10	GE18	GE 26	733
CATEGORY A				3)	3.5			41-
CATEGORY B				3				Ð	5.5	1.2		415
TIME (LST)	• • • • • •	120	00 ~ 14		•••••	153) - 17	 So	••••••	190	n - 20	
SPEED (KTS)	3E10	G E1 3	6525	725	6610	3513	SE25	238	SE10	3618	GE26	Jo €
CATEGURY A	4.5	• 1		1011	4.1			72 3				ò
CATEGURY R	3.3	1.3	• 1	1011	5.3	2.3		129				^

GE10 GE19 GE25 SPEED KTS 302 GE10 GE18 GE26 . 1 CATEGORY A 4.3 3163 4.3 . 1 CATEGORY 3 7.4 1.6 .1 3169 1.5 • 1

0500 - 2000

PROM HOURLY DESERVATIONS

FROM HOURLY DESERVATIONS MAGNETIC RUNWAY HEADING: 089-269 AME: VOLK FLD ANGE WI PERIOD OF RECORD: AUG 73 - JUL 88 MONTH: JAN

FRY A: ANY CEILING OR VISIBILITY (HOURLY DAS ONLY)

		030	0 - 05	00		050	0 - 080	o o		090	0 - 11	00
;	3510	3E18	5825	098	GE10	GEIS	GE 26	73.5	GE 10	ge1a	GE 26	กลร
-)	3.5			418	4.2	. 3		1511
,				()	5.5					1.5		
		150	0 - 17				0 - 20				0 - 23	
5	GE 10	3513	5626	288	GE12	3618	GE26	36.2	GE 1 0	5618	SE25	085
!	4.1			723				0				0
!	5.3	2.3		129				9				٥

0500 - 2000 HOURS ALL 3-10 SE18 GE26 785 GE10 GE18 GE26 935 4.3 . 1 3163 . 1 4.3 3169 1.5 . 1 3165 1.5 . 1 3158 OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

Approximate a construction of the second of

CATEGORY B

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

		C					JURLY			
SERMUN NCITATE		L	ST 17	NAME: VJ JTC: + 6				• • • • • • •		•••
			CAT	EGORY 4:	ANY CE	ILING	OR VIS	BILITY	(HOURLY	081
			•	ЕСОКҮ ⊰:				-	-	
TIME (LST)			o - 32) - 059			
SPEED (KTS)	5510	GE18	JE26	าวร	GE10	5E13	G 52 6	385	GE10	S
CATEGORY A)				3	4.4	
CATEGORY 8				э				6)	4.5	
TIME (LST)			0 - 14		• • • • • •		0 - 1 7		• • • • • • •	•••
SPEED (KTS)	\$F 1 0	3813	GE 26	735	SE10	GE 1 3	SE25	2 F G	3E10	31
CATEGIRY A	5.2	. 4		974	4.8			731		
CATEGORY 3	3 44	1 7	-		7.4			731		

7.3 1.3 .2 3135 7.3 1.3

. PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSHINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 089-269

0 4.4 454 5.3 .3 0 4.6 1.1 .2 454 7.2 1.0 .1	
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0 4.4 454 5.3 .3 0 4.6 1.1 .2 454 7.2 1.0 .1	••
	13 S
	76
	76
	••
1500 - 1700 1500 - 2000 2100 - 2300	
73S	ìBS
774 4.8 731	0
7.4 7.4 1.1 731	2
	• •
0500 ~ 2000 ALL HAURS	••
3810 9813 9826 985 GE10 GE18 GE26 GBS	
5.5 .2 3135 5.5 .2 3135	
7.3 1.3 .2 3135 7.3 1.3 .2 3135	

OPERATING LOCATION MAN USAFRIAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY ORSERVATIONS

MAGNETI

STATION NUMBER: 726436	STATION NAME: VOLK FLO ANCH WILLST TO UTC: + 6	PERIOD ! MUNTH: !

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY ORS ONLY)

			CAT	FGERY 3:	HIGHES	aino	S REPO	RTED WIT	HIN THE	4308	(หวบสเ
TIME (LST)	• • • • • • •	200	o - 12	09	•••••	030	ეე - ენ	ეა	•••••	360	יר - י
SPIED (KTS)	5110	SE1º	3525	DBS	SE10	9513	G£24	1135	SETO	G=13	SE 26
CATEGORY A				?				Ĵ	7.5		
CATISTRY 8				0				·J	12.5	2.5	
TIME (LST)	• • • • • • •	120) - 14	 D		150	 17 - 17	••••••• эс	•••••	150	
SPEED (KTS)	3°10	3F 1 H	GE 26	361)	9710	₫F 1 3	GF 26	715	GE10	6E 1 3	GE 2 6
CATESORY 4	13.9	. 4		1034	12.7	. 3		٤٥٩			
CATEGURY 3	21.7	5.3	1.1	1034	19. /	5.4	. 4	657			

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5-2- 5

** INTAGE FREQUENCY OF DECURRENCE OF CROSSWINDS

		, 14,3		OBSERVAT	10.13	N	IAGNET	IC RUNH	AY HEAD	ING:	089-2	159		
VOL	K FL)	ANGR W	11			14	IONTH:				'3 - J U	IL HA		
, i :	ANY CE	ILING	0२ VIS.		(HOURLY					••••	•••••	-		
;;	HIGHES	aino			HIN THE			RLIES +	SPECIA	LS)		• • • • • •	••••	
		030	0 - 05	30		06	000 -	1330			090	00 - 11	00	
	3510	9513	GE 24	n35	5610	6513	SE2	6 388	G	E10	5518	GE26	035"	
				3	7.5			393	1	1.1	• 3		1024	
				Э	12.5	2.5		393	1	6.4	5.1	. 4	1024	
· • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • •	• • • • • •	• • • • • •	••••	• • • • • •	•••••	• • • • •	
		150	J = 175	00		15	00 -	2000			210	00 - 23	30	
	0710	6F 1 3	SE25	าสร	GEIO	GE13	5E2	6 195	;	E10	GE18	SE 26	33\$	
	12.7	• 3		699)					С	
	19.4	5.4	. 4	557				Ċ					С	
• • • •	• • • • •				• • • • • • •	• • • •	••••	• • • • • •	• • • • • •				••••	
	0600	<u>- 2</u> 033					ALL	ሐጋሀዱ S		••••		•••••	••••	
13	3 = 1 a	Sz25	78.5	5	r	£10	GF13	3 526	1735					
1.7	• 3		312	5	1	1.9	. 3		3125					
?	5.1	ıά	312	j	t	3.2	5.1	• 6	3125					

3 - 2 - 1

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PERCENTAGE EREQUENCY OF OCCURRENCE OF CROSSWINDS OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS MAGNETIC RU STATION NUMBER: 726435 STATION NAME: VOLK FLD ANGR WI PERIOD OF 4 LST TO UTC: + 5 MUNTH: APP CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY DBS ONLY) CATEGORY 3: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES TIME (LST) 0000 - 0200 0300 - 0500 0500 - 0300 SPEED (KTS) GF10 GE13 GE26 DBS GE10 GE13 GE25 DBS GE10 GE18 GE25 CATEGORY A 0 7.2 CATEGIRY B 10.9 1.5 TIME (LST) 1200 - 1400 1500 - 1700 1306 - 2000 GE10 GE19 GE26 G95 SPEED (KTS) GE10 GE18 GE26 03S GE10 GE19 GE25 CATEGORY A 994 15.3 15.8 1.0 537 . 6 7.2 .5 CATEGORY 3 22.5 994 26.3 6.3 1.0 539

0500 - 2000

• 7

G610 G018 G626

• 5

5.4

13.7

23.4

TIME (LST)

SPEED KTS

CATEGORY A

CATEGORY B

6 - 2 - 4

78S

2993

2993

ALL

GF10 GF18 GE27

· ž

5.4

13.7

23.4

 $H(j,j)^{*}$

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

1AGNETIC RUNWAY HEADING: 089-269

'										_		•	
AME: VOL			_			N	AONTH:	APR)RO: AU				
					(HOURLY								
					THIN THE								• • • • •
,		030	00 - 050	00		0.6	oo -	0300			230	5 - 11	00
1.72	3510	GE13	GE26	ยลร	GE10	GE18	3 GE 2	6 JRS	GE	01	6513	GE 26	ក់មន
3				c	7.2	• 2	•	433	12	• 6	• 1		977
Y)	10.9	1.6	•	2 433	22	. 0	4.7	•6	377
	• • • • •	• • • • •	• • • • • •	•••••	••••••	• • • • •	• • • • •	•••••		•••	• • • • • •	• • • • •	• • • • •
		150	0 - 170	0		1 -	30G -	2000			210	0 - 23	00
15	GE10	GE18	6525	038	GE10	GE1	GE2	5 JHS	GE	10	6518	SE26	ÚΒS
* • •	15.8	1.0		537				o					0
- 14	26.3	0.3	1.0	539)					0
													• • • • •
	3533	- 2000					4LL	47008.5					
7/10	3013	GE26	ាន ទ	;	G	F10	GF18	GE26	nas				
13.7	• 5		2993	i	1	3.7	• 5		2993				
23.4	5.4	. 7	2993	i	2	3.4	5.4	. 7	2993				

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY DOSFRVATIONS

MAGNETIC RUI

STATION NUMBER: 726436	STATION NAME: VOLK FLD ANGB WILLST TO UTC: + 5	PERIODO OF RE

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY 3: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES

	••••				•							
TIME (LST)		000	0 - 02	ດງ		030	0 - 050	00		060	00 - 0	900
SPEED (KTS)	3510	SF13	GC26	938	GE10	GE14	GE25	088	GE10	G518	GE26	5 7:
CATEGORY A				a				0	3.6	• 1		5'
CATIGORY B				0				9	5.0	1.5	• :	l bř
			• • • • • •						• • • • • • • •		• • • • •	
TIME (LST)		123	00 - 14	00		150	00 - 170	00		18	o	2000
SPEED (KTS)	3810	GE13	GE26	03 s	SF10	GE18	6525	045	GE10	GE13	5E2	6 16
CATEGORY 4	11.3	• 4		1024	11.2	.2		453				
CATEGORY 8	20.3	4.9	• 0	1024	17.9	4.1		463				
• • • • • • • • • • • • •												
TIME (LST)					0500	- 2010	,				ALL	ндар 5
SPEED KTS				6£10	GF13	G5.26	Ja:	s	r,	E19	3F 1 3	9526
CATEGORY A				3.5	• 2		313	4		5.6	• 2	
SATEGERY 8				15.4	3.4	. 3	313	4	1	5.4	3.4	• 3

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS

;;			FROM H	JURLY (Jaserva'	TIONS	МА	SNETI	C RUNWA	Y HEADING	: 099-2	169		
:	NAME: VOI UTC: + 6	rk ∈r9	ANGB W				40	NTH:	MAY	IRD: AUG	73 - JI.	JL 38		·
	≐GURY A:	ANY CE	ILING							=				
	[-G∩P Y 3:	HIGHES	ST WIND	S REPOR	RTED WI	THIN THE	наия	(สอบจ	RLIES +	SPECIALS)			••••	
1			030	0 - 050	00		060	10 - 0	900		290	00 - 11	00	
1	135	\$E10	GETA	GE26	388	GE10	6518	GE26	SPD :	G£10	GE18	5526	JBS	
I	a				0	3.6	• 1		663	7.9			1029	
1	O				3	5.0	1.5	. 1	. 658	15.5	2.8	٤.	1029	
1	· · · · · · · · · · · · · · · · · · ·	• • • • • •	150	0 - 170)n	••••••	180	0 - 2	2000	• • • • • • • •	210	00 - 23	00	
	0 3 S	SE10	GE 1 a	GE 25	045	GE10	GE13	GE26	S OBS	3510	GE18	5=25	ดหร	
1	1024	11.2	• 2		453				0				0	
}	1,24	17.7	4.1		453				n				o	
:1	• • • • • • • • • •	• • • • • • •		• • • • • •		• • • • • • • •		• • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	••••	
l		0 5 00	- 2000				Δ	LL	наиеѕ					
1	5710	GF 13	GE 25	gns	5	Ģ	E10 f	F13	9526	០৪៩				
1	3.5	• 2		3134	•		3.6	• 2		3134				
1	1 > . 4	3.4	. 3	31 34	,	1	5.4	3.4	• 3	3184				

			PERCENT						SWIN	DS
******					ENON N	100%	JOSENTAL	LÜMO		MAGN
t: 72643	-			LK FLD	ANGR W	11				PERI MONT
•••••	•••••	CAT	regory A:	ANY CE	EILING	DR VIS	1312177	(HOURLY	ues	INLY
								•••••		500
GE10	GE18	GE25	das	GE10	GE18	GE 24	r.;\$	GE10	651	a G
			c				0	3.6		
			0				· ·	5.7	•	a a
•••••	• • • • • •	. • • • • • •			· • • • • •		•••••	• • • • • • • •		
	123)r - 14	,00		150	00 - 17	J O		1	300 ·
3510	5€ 1 8	61.26	∂f:S	GF10	30 1 2	3525	0.5	3810	3 =1) ji
16.3	• 1		1193	19.0	. 3		75∄			
13.2	4.9	• 3	1193	15.0	3.5	• 1	753			
• • • • • • • •	• • • • • •	••••••	•••••	• • • • • • •	•••••	• • • • • •	•••••	• • • • • • • •	• • • •	••••
				პონნ	- 2000	;				til
			3610	9F13	3:24	ner.	5	71	č i 0	3E11
									,	
			• 1	• 1		133.			· 1	• !
~	GE10 16.3	000 0010 GE18 120 0510 9618 16.2 .1	VILLE NC R: 726436 STATION LST TO STATION CAT CAT CAT 0000 ~ 02 GE10 GE18 GE26 1200 - 14 GE10 GE18 G126 16.3 .1	VILLE NC R: 726436	CATEGORY A: ANY CE CATEGORY A: ANY CE CATEGORY B: HIGHES 0000 ~ 0200 GE10 GE18 GE26 CBS GE10 0 0 1200 - 1400 1200 - 1400 1200 - 1400 1500 - 1400 1600 -	VILLE NC FROM NAME: VOLK FLD ANGR WEST TO UTC: + 6 CATEGORY A: ANY CEILING CATEGORY B: HIGHEST WIND 9000 ~ 929J	VILLE NO FROM HOURLY R: 726436	VILLE NC FROM HOURLY DBSERVAT 2: 726436	VILLE NC FROM HOURLY DBSERVATIONS 2: 726436	FROM HOURLY DBSERVATIONS R: 726436

ALL HOURS

3930

3.1 .1

13.3 3.0 .1 3730

;	POPNITA					E OF CROS	SWINDS						
· !•	}		rkum r	IQUKL T	DBSERVA	11042	МД	GNETIC	RUNWAY	HEADING:	089-2	(6.9	
	F: VIJL + 5	K FLD	ANGR W	П				2100.0 14141 J	F RECORD UN	: AUG 7	'3 - JI	IL 36	
	Y 1:	ANY CE	ILING	DR VIS	131L114	(H)URLY	OHS IN	LY)	••••	•		•••••	
	Υ :	HIGHES	CRIM T	s kEpn	RTED WIT	THIN THE	ะ หๆบร	(HOURL	165 + SP	ECTALS)			
j			0 5 0	.o = 55	on		050	o - oa	აი		0.00	00 - 11	ŭ0
À		0510	6513	G= 25	r. 35	GEIO	G518	GE 26	n= s	5610	651a	GE26	285
					7	3.5			776	7.1			1137
. : ,					.)	5.7	• 9		776	11.6	2 • 1		1147
-	······	• • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • •	• • • • •	• • • • • • • •	• • • • • • •	• • • • •	• • • • •	• • • • •
			150	0 - 17	ე ტ		137	o - 20	ია		310	in - 23	ee
		5910	3: 1#	3525	7.45	SE10	551ª	9536	7-5	56.10	GU F	GF 25	,"¤\$
·		19.0	.3		7ち チ				G				0
		15.0	1.5	• 1	754				1				ō

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0.10 0F15 0F25 08S 0F10 0F13 0F26 08S

anbu - 2003

3,1 .1 330

13.3 3.0 .1 3930

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OPERATING LOCAUSAFETAC, ASH				PERCENT				CURRENCE BUSERVAT	DE CROS	SWIND	·S
										м	AGNETI
STATION NUMBER	R: 72643	l	LST T3	UTC: + 6		-	(I				ERIOD :
				EGDRY A:			OR VIS	IBILITY	(H)URLY	335 7	INLY)
• • • • • • • • • • • •		••••		FGURY 3:						HJUR	(หวบถ
TIME (LST)			00 - 02				ou - 05			Ωb	306 - 3
SPEED (KTS)	6110	GE13	G 125	១ភូទ្ធ	5510	GE13	0526	.*35	SE10	GE1 3	3526
CATEGORY A				Ç				3	1.4		
CATEGORY 9				0				,	2.7	. 3	i
•••••	• • • • • • •	• • • • • •	• • • • •	•••••	• • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • •	
TIME (LST)		120	00 - 14	·37		150	17:	0.0		1 5	ion - 2
SPEED (KTS)	3610	6619	GF 2.5	Jas.	G510	3319	9£25	0.15	3610	3513	GE26
CATEGORY A	7.1			1146	4.5			€ 45			
CATEGORY P	12.4	1.2		1145	7.0	1.0		632			
•••••	• • • • • • •				• • • • • • •	• • • • • •				• • • • •	
TIME (EST)					<u>)</u> 400	- 2000					ALL .
SPEED KTS				9 41 0	6713	3525	าล	5	5	£10	3518
CATERORY A				4.6			3734	·•		4.5	
CATEGORY 3				:.3	• 3		370	4		B.3	• 6

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MIN CENT	AGE FRE			CURRENCE OBSERVAT	OF CROS	SWIN	DS						
		rxJm :	130461	30354 4 41	1.345		MAGNET	IC RUNW	AY HEAD	146:	089-2	69	
(AM5: VOI }: + 5	LK FLO	ANGB	-				HTNOM:						
⊃9 Υ 7 ∶	ANY CE	ILING			(H)URLY								
∀Y 3:	HIGHES	IPIK T)S REPO	RIED WIT	HIN THE	HOU:	≀ (H3U	RLIES +	SPECIA	LS)			
		030)	00		0.	500 -	0000			090	0 - 11	00
· 5	GE10	GE13	0E26	:195	GE10	691	3 582	6 3°S	G	E10	GETP	SE 26	580
-				3	1.4			737		4.4			1137
.·)	2.7	• :	3	739		H.4	• 5		1137
	• • • • •			• • • • • •	• • • • • • •	• • • •	• • • • • •	•••••	• • • • • •	••••	• • • • •	• • • • •	••••
_		150	0) - 17:	00		1	500 -	2001			210	00 - 23	20
+5	G510	331ª	SE 25	C 15	GF10	351	3 GE2	6 nos	S	610	601£	3526	119.5
145	4.5			€32				Ģ					0
1.45	7.0	1.0		632				9					0
						• • • • •		•••••		• • • •			• • • • •
	2500	- 2000					ALL	HTURS					
3=13	6513	GE2 5	าลร	5	3	E10	GE18	SE26	63 S				
*•₺			37)4	•		4.6			3704				
·•3	• 3		3704	4		მ.3	• 5		3704				

OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

CATECURY A

CATEGORY B

PERCENTAGE EREQUENCY OF OCCUPRENCE OF CROSSWINGS FROM HOURLY CASERVATIONS

MAGNETIC RUNAL

STATION NUMBER: 726436

PERIOD DE RECE

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STATION NUMBER:	72643	-		AMS: VOI UTC: + 5	LK FLD	ANGR W			• • • • • • •	ME	RIOD O NTH: A	
			CAT	EGOPY A:	ANY CE	ILING	De VIS	IRICITY	(HUURLY	J85 กษ	iLY)	
•••••			CAT	FG78Y 31	HISHES	CMIR T	S 95908	PTED WI	THIN THE	[배](1유	(HOURL	.168 +
TIME (LST)		J20	00 - 12	30		236	J - 050	00		იად	90 - 00	ार
SPEED (KTS)	3610	S513	58.2e	748	3510	GETA	SE26	อาร	6E10	C=10	GE25	38.5
CATEGORY A)				9	2.9			773
CATEGORY 8				r_3				g	4.3	1.0	.1	773
•••••		• • • • • •	• • • • •	• • • • • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • •		• • • • • •		· • • • • • • • ·
TIME (LST)		120	1 - C	3 0		150	5 - 17 0	υ C		150)o = 20	00'
SPEED (KTS)	0510	€ ₹ 1 °	SF 25	735	0510	GE13	St 26	035	GE10	3517	GE26	ر د،
CATEGORY A	5.3			1193	5.5	• 1	• 1	69)				1
CATEGURY 3	10.5	1.3	• 2	11+3	9.3	1.4	• 1	635				•
• • • • • • • • • • • • • • • • • • • •	 	•••••					• • • • • •					
TIME (LST)					0500	- 2000				Δ	ILL 14	4308 c
SPEED KTS				6510	GE13	GE 26	ាគ ។	5	Ċ	E19 G	5518 S	iE26

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FORM HOURLY CASERVATIONS

MAGNETIC RUNHAY HEADING: 039-269

PERIOD OF RECORD: AUG 73 - JUL 88

+ 5

MONTH: AUG

4: ANY CEILING OR VISIBILITY (HOURLY JBS ONLY)

HISHEST WINDS PEPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

		330	oo - 05	0.0		060	o -	080C		090	00 - 11	აა
	SE 10	GE18	GE25	तु व इ	G E1 0	G = 1 °	GE2	6 085	GE 1	0 0518	0826	388
				J	2.8			773	4.	. 2		1147
				Ó	4.3	1.0	•	1 773	7.	1.5	• 1	1197
•••	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • •	• • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	••••
		150	io - 170	9 c		150)0 -	2000		210	00 - 23) j
	GE 10	GEIR	SE 26	035	GE10	35 1 3	GE 2	6 (ns	651	0 0518	GE 25	on S
	5.5	• 1	• 1	690				3				0
	9.3	1.4	• 1	630				0				C
• • •			• • • • • •		• • • • • • • •	• • • • •	• • • •	• • • • • • •			• • • • • •	••••
	0500	ccos -				ľ	\LL	HOURS				
1)	Q=13	GE25	ញូន (5	G	E10 0	SE18	GE 26	1148			
. 1	. 1	• 0	345	3		5.1	• 1	• 0	2853			
	1.3	• l	345	3		7.9	1.7	• 1	3553			

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

CATEGORY R

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY DBSERVATIONS

MAGNETIC RUNHAY

11.2 2.3

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STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGE WI PERIOD OF RECORD SEPTION OF RECORD SEPTION NAME: VOLK FLD ANGE WI PERIOD SEPTION NAME: VOLK FL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY ORS ONLY) CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUP (HOURLIES + 5) 0000 - 0200 0300 - 0500 1601 - 0830 TIME (LST) nas GE10 GE18 GE26 DES 0F10 GE18 GF26 GE10 G518 G526 SPEED (KTS) CATEGORY A 2.3 54? CATEGORY 9 C • 2 542 4.4 1.2 TIME (EST) 1200 - 1400 1300 - 2010 1500 - 1700 GE10 GE18 GE26 GBS GE10 GF18 GE26 SPEED (KTS) GE10 GE18 GE26 09S 11:5 999 CATEGORY A 5.4 453 CATEGORY 9 16.3 3.5 993 12.1 TIME (LST) 0600 - 2000 ALL HOPES 1745 SPEED KTS GE10 3F13 GF26 GF10 9518 9526 CATEGIRY A **↑•**0 • () 3091 5.0 • 0

2.3

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-CONTAGE FREQUENCY OF DECUPRENCE OF CRUSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 089-269

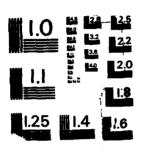
GC: VOLK FLD ANGB WI PERIOD OF RECORD: AUG 73 - JUL 88
1 + 5 MONTH: SEP

CY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

Y SE HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIFS + SPECIALS)

·		030	00 - 050	10		ne	on -	3 330			040	0 - 11	၁၁
3	SF10	GELA	GF26	035	GE10	651	3 SE2	6 33	s (SE 10	GELA	55 <u>26</u>	280
				J	2.3			54	2	5.6	• 1		986
•				9	4.4	1 • 2		2 543	? i	0.0	1.7	• 1	938
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_		150	0 - 170	00		18	300 -	2010			210	0 - 23	99 9
* •	G=10	651a	GE 26	745	6510	GFIR	3E2	6 343	5 (5-10	Gr 18	G526	988
	κ. μ			453)				0
	12.1	2.4	• 2	453					<u>)</u>				ō
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7 1 Y	9813	6F25	745	i	G	F17	551d	S.E.26	035				
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11.2	2.3	• 1	3071		1	1.2	2.3	. 1	3091				

AT-AZIO 623 CURFACE OBCERVATION CLIMATIC CUMMARIES COCC. FOR WOLK 6 6
FELD ANG PROCESSIONS CENTER COCT AFB IL MAY 392
LNCLASSIFIED USAFETAS 10-89 203



USAFETAC, ASH	EVILLE N			PERCENT		FROM H	OURLY (BSERVAT	TIONS			IC RUN
STATION NUMBE	R: 72643				LK FLD	ANGB W	I					
•••••••	• • • • • • •											•••••
•••••		••••										
TIME (LST)		000	00 - 02	00		030	0 - 050	00		06	00 -	0800
SPEED (KTS)	GE10	GE18	GE 26	OBS	GÉ10	GE19	GE 26	ÓBS	GEIO	GË 18	GE2	6 03
CATEGORY A				o				3	4.5			59
CATEGORY B				0				o		2.3	•	3 59
										13	00 -	2000
SPEED (KTS)	GE10	GE18	GE 26	085	GE10	GE18	GE 26	088	GE10	GE13	GE2	6 33
ČATEGOŘÝ A	10.3	• 2		980	7.7	•		439				
CATEGORY B	20.7	3.8	. 4	980	14.1	2.5		439				
• • • • • • • • • • •	• • • • • • • •				• • • • • •	• • • • • •	•••••	• • • • • • •		• • • • •	••••	•••••
TIME (LST)					0600	- 2000					ALL	HOURS
SPEED KTS				GE10	GE 18	GE26	08	S	G	ElO	GE18	GE26
CATEGORY A				8.3	•1		298	3		8.3	•1	
	TIME (LST) SPEED (KTS) CATEGORY A CATEGORY B TIME (LST) SPEED (KTS) CATEGORY A CATEGORY B TIME (LST) SPEED (KTS) CATEGORY B	TIME (LST) SPEED (KTS) SPEED (KTS) CATEGORY A CATEGORY B TIME (LST) SPEED (KTS) SPEED (KTS) CATEGORY A CATEGORY B TIME (LST) SPEED (KTS) CATEGORY B TIME (LST) SPEED KTS	TIME (LST) SPEED (KTS) CATEGORY A CATEGORY B TIME (LST) SPEED (KTS) CATEGORY B CATEGORY A CATEGORY B CATEGORY A CATEGORY B TIME (LST) SPEED KTS	STATION NUMBER: 726436 STATION LST TO STATION LST TO STATE CATE CATE CATE CATE CATE CATE CATE	USAFETAC, ASHEVILLE NC STATION NUMBER: 726436	USAFETAC, ASHEVILLE NC STATION NUMBER: 726436 STATION NAME: VOLK FLD LST TO UTC: + 6 CATEGORY A: ANY CE CATEGORY A: HIGHES TIME (LST) 0000 - 0200 SPEED (KTS) GE10 GE18 GE26 OBS GE10 CATEGORY A 0 CATEGORY B 0 TIME (LST) 1200 - 1400 SPEED (KTS) GE10 GE18 GE26 OBS GE10 CATEGORY A 10.3 .2 980 7.7 CATEGORY B 20.7 3.8 .4 980 14.1 TIME (LST) 0600 SPEED KTS GE10 GE18	USAFETAC, ASHEVILLE NC FROM H STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB M LST TO UTC: + 6 CATEGORY A: ANY CEILING CATEGORY 3: HIGHEST WIND TIME (LST) 0000 - 0200 030 SPEED (KTS) GE10 GE18 GE26 OBS GE10 GE18 CATEGORY B 0 TIME (LST) 1200 - 1400 150 SPEED (KTS) GE10 GE18 GE26 OBS GE10 GE18 CATEGORY A 10.3 .2 980 7.7 CATEGORY B 20.7 3.8 .4 980 14.1 2.5 TIME (LST) 0600 - 2000 SPEED KTS GE10 GE18 GE26	STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB WI LST TO UTC: + 6 CATEGORY A: ANY CEILING DR VIS CATEGORY 3: HIGHEST WINDS REPORT TIME (LST) 0000 - 0200 0300 - 050 SPEED (KTS) GE10 GE18 GE26 OBS GE10 GE19 GE26 CATEGORY B 0 TIME (LST) 1200 - 1400 1500 - 170 SPEED (KTS) GE10 GE18 GE26 OBS GE10 GE18 GE26 CATEGORY A 10.3 .2 980 7.7 CATEGORY B 20.7 3.8 .4 980 14.1 2.5 TIME (LST) 0600 - 2000 SPEED KTS GE10 GE18 GE26 OBS GE10 GE18 GE26	STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB HI LST TO UTC: + 6	STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGR HI LST TO UTC: + 6	USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGB MI LST TO UTC: + 6 CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBSEQUENCE) CATEGORY 3: HIGHEST WINDS REPORTED WITHIN THE HOUR TIME (LST) 0000 - 0200 0300 - 0500 06 SPEED (KTS) GE10 GE18 GE26 OBS GE10 GE19 GE26 OBS GE10 GE18 CATEGORY A 0 0 0 4.5 CATEGORY B 0 0 7.4 2.3 TIME (LST) 1200 - 1400 1500 - 1700 19 SPEED (KTS) GE10 GE18 GE26 OBS GE10 GE18 GE26 OBS GE10 GE18 CATEGORY A 10.3 .2 980 7.7 439 CATEGORY B 20.7 3.8 .4 980 14.1 2.5 439 TIME (LST) 0600 - 2000 SPEED KTS GE10 GE18 GE26 OBS GE10 GE18 GE26 OBS GE10	STATION NUMBER: 726436 STATION NAME: VOLK FLD ANGR HI PERIOD

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ENT	GE FRE		OF OCCURR									
						MAGNET	IC RUNWA	Y HEADING:	089~269	· -		
VO I 6	K FLD	ANGB W	I			PERIOD MONTH:		RO: AUG 7	'3 - JUL	88	•••	•
Δ:	ANY CE	ILING	OR VISIBIL	LTY (HOU	RLY OBS	ONLY)						
3:	HIGHES		S REPORTED	WITHIN	THE HOL	IR (HOU	RLIES +	SPECIALS)				
		030	0 - 0500		(600 -	0800		0900	- 1100		
	GETO	GE 18	GE26 DB	s G	Elo GEI	8 GE2	6 03S	GE10	GE18 G	526	กจร	
				o	4.5		597	9.0	•1		967	· · · · · · · · · · · · · · · · · · ·
				0	7.4 2.	3 .	3 597	15.9	3.8	• 4	967	
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		150	0 - 1700			. 900 -				- 2300		
	5E10				EIO GEI	.3 GE2	6 093	GF10	GE18	SE 26	บหร	
	7.7		43	9			0				0	
	14.1	2.5	43	9			0	*			0	
											• • •	
	0600	- 2000				ALL	HOURS				_	
3510	GE 18	GE26	085		GE10	GE18	GE26					
3.3	. 1		2983		8.3	.1		2983				
15.5	3.3	.3	2983		15.5	3.3	• 3	2983				
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USAFETAC, A	SHEVILLE N	C				FROM HO	JURLY L	182FKA1		М	AGNET	TC RUNH
STATION NUM	BER: 72643		CT T2.	NAME: VOL UTC: + 6						M	ONTH	
		•••••	CAT	EGORY A:		ILING (•		(HOURLY			· · · · · · · · · · · · · · · · · · ·
			CAT	EGORY 8:	HIGHES	ONIW T	S REPOR	RTED W	ITHIN THE	HOUR	(HOU	RLIES +
TIME (LST)		000	00 - 02	00		030) - 050	00		06	00 -	0800
SPEED (KTS)	GE10	GÉ18	GE26	088	GEIO	GE 13	GE25	OBS	GE10	GE18	GE2	6 389
CATEGORY A				o				c	4.0			273
CATEGORY B				0				Э	7.0	2.9		27
	• • • • • • • •		•••••			• • • • • •	• • • • • •	•••••	• • • • • • • • •		• • • • •	
TIME (LST)				00		150	o - 170	00		18	00 -	2000
SPEED (KTS)	GE10	GE 18	GE26	085	GE10	GE18	GE26	DBS	GE10	ĞE18	GE2	6 03
CATEGORY A	7.2	.4		810	3.1	• 2	• 2	544		•-		
CATEGORY B	14.9	3.3	• 6	810	9.9	1.7	• 2	544			-	
	• • • • • • • • •				• • • • • •	• • • • • •	• • • • • •			•••••	• • • • •	
TIME (LST)					0600	- 2000					ALL	หวบจร
SPEED KTS				GE 10	GE18	GE26	085	5	G	E10	GE19	GE 25
				5.4	•2	•0	2429	,		5.4	• 2	•0
CATEGORY A											2.9	

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SNTA	AGE FRE	EQUENCY	OF OC		OF CROSSWINDS							
						NETIC R	UNWAY	HEADING:	089-2	69		
۱۵۷ د	_	ANGB H			PER MON				3 - JU	L 88		·
Λ:					(HOURLY DBS ONL							
					·····							
, · · · ·					HIN THE HOUR (
		030	0 - 05	00	0600	- 0800	,		090	0 - 110	00	
	GE10	GE13	GE25	วยร	GE10 GE18	GE26	OBS	GEIO	GE19	GE26	78 S	
				э	4.0		273	5.5			802	
ļ.				3	7.0 2.9			12.9				
· · · · ·	•••••	150	0 - 17	00		- 2000				0 - 230		
	GE10	GE18	GE26	OBS	GE10 GE18	GE26	088	GE10	GE18	SE26	MAS	
	3.1	• 2	• 2	544							· · · · · · · · · · · · · · · · · · ·	
	9.9	1.7	• 2	544			o .			-	· · · · · · · · · · · · · · · · · ·	
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	0500	- 2000			AL	L HOU	२९					
10	GE 13	GE26	98 :	s	GE10 GE	18 GE2	6	280				
. 4	•2	• 0	242	9	5.4	.2 .	0	2429				
2.2	2.8	• 4	242	9	12.2 2			2429			-	

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	ION NUMBER:		36 \$	TATION							PE	CCIS:	OF P
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••••	• • • • • • • • • •	• • • • •	•••••		EGDRY B:								
TIME	(LST)		000	00 - 02	00		030	0 - 050	10		060	0 - 0	800
SPEF	C(KTS)	GE10	GE18	GE 26	280	GEIO	GE18	GE26	กลร	GELO	GEIS	GË 26)
CATE	SORY A				σ				0	3.9			2 -
CATE	SORY B				0				0	7.4	. 4	. 4	2.
••••		• • • • • •	•••••	•••••	• • • • • • • • •	• • • • •	• • • • •	• • • • • •			-	• • • • •	••••
TIME	(LST)		120	0 - 14	00		150	0 - 170	10		180	00 - 2	2000
SPEE	(KTS)	GE10	GE18	GE26	088	GE10	GE18	GE 26	oas	GE10	SE18	GE26) Ja
CATE	DRY A	3.7	. 1		855	2.1	• 5		526	-			
CATE	GORY B	9.9	• 8	• 2	პ 55	4.3	1.0	• 2	526				
• • • • •													• • • • •
	(LST)						- 2000	-	77777				HIVES
SPEEL	KTS				GE10	GE18	GE26	088		G	E10 G	E18	GE26
CATE	ORY A				3.6	.1		2517			3.6	. 1	
CATE	ORY B				7.6	• 9	•2	2517			7.6	. 9	• 2

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ERCENTA	AGE FRE	FROM H	JURLY D	BSERVAT	OF CROS			TC DIME	IAY HEAD	ING:	089~2	69		
ME: VOL	K FLD				ra paga a 1911 rep. reserva		PERIOD	OF REC	ORD: A					
	•••••	• • • • • • •	• • • • • • • •	•••••			MONTH:			••••	• • • • • • •	•. • • • •	•••••	
RY A:	ANY CE	ILING !	OR VISI	BILITY	(HOURLY	OBS	ONLY)						· ·	
RY B:	HIGHES	T WIND	S REPOR	TED WIT	HIN THE	טכא	R (HOU	RLIES +	SPECIAL	LS)				
		0300	050	10		0	600 -	0800			090	0 - 11	00	
18 S	GETO	GE18	GE26	OBS	GELO	GE1	8 GE 2	6 095	G	E10	GE18	GE26	085	
9				o	3.9			284	,	4.3	• 1		852	
9				0	7.4	•	4 .	4 284	•	7.2	1.1	.1	652	**
• • • • • •				• • • • • •	• • • • • • •	• • • •	••••	• • • • • •		• • • •	• • • • •	•••••	••••	
		1500	- 170	0		1	800 -	2000			210	0 - 23	00	
8 \$	SEIO	GE18	GE 26	Ø9 S	GE10	GE 1	9 GE <i>2</i>	6 089	G G	E10	GE 18	GE26	08 S	
55	2.1	• 2		526				·- ō					0	
5 5	4.8	1.0	• 2	526				C)				0	
	• • • • • •			•••••	• • • • • • • •	• • • •		• • • • • • •		• • • •		• • • • • •	••••	
	3600	- 2000					ALL	HOURS						
GE10	GE18	GE26	085		G	E10	GE18	GES6	095					
3.6	•1		2517			3.6	.1		2517				·	
7.6	.9	•2	2517			7.6	. 9	• 2	2517	÷				
		· · · · · · · - · · ·	· · · · · · · · · · · · · · · · · · ·											- <u>-</u>

	LOCATION "A			PERCE	NTAGE				CURRENC UBSERVA	E OF CRO	SSWIN	0\$		-
					±							MAGNET	IC RUN	HAY H
STATION N	UMBER: 72643	ı	טי וצ.	NAME: '	6						• • • • •	MONTH:	OF REC	CORD:
	was a management of the second									(HOURLY				
•••••		••••								THIN TH				+ SPE
TIME (LST)	200	00 - 0	200			030	0 - 05	00		o	600 -	0800	
SPEED (KT	S) GF10	GE18	GĒ 26	08\$	G	Elo	GE13	GE26	ūBS	GE 10	GEI	8 GEZ	6 08	5
CATEGORY	A			0					0	3.8	•	0	6459	5
CATEGORY	8			0					0	6.1	ĩ.	3 .	1 6459	5
*****		••••	• • • • •	• • • • • • • •	• • • • •	• • • •	• • • • •		• • • • • •	•••••	• • • • •	•••••		 • • • • • •
TIME (LST)	120	00 - 10	400			150	0 - 17	00		1	800 -	2000	
SPEED (KT	S) GE10	GE18	GE 26	OBS	S	E10	GE18	GE 26	DAS	GETO	ŠEI	8 GE	26 05	s
CATEGORY	9.0	.2		12217	•	7.3	• 2	• 0	7293				1	o
CATEGORY	B 15.9	3.3	• 4	12217	1	2.3	2.7	• 2	7293				,	0
•••••	• • • • • • • • • • • •	•••••	• • • • • •		• • • • •	• • • •		• • • • • •	• • • • • • •	• • • • • • • •	• • • • •	• • • • • •		• • • • •
TIME (LST	}				0	600	- 2000					ALL	HOURS	
SPEED KTS				GE	10 G	F18	GE26	90	s		GE 10	GE18	GE 26	Û
CATEGORY	A			7	. 1	. 1	• 0	3811	2		7.1	•1	.0	3811
CATEGORY	8			12	• 2	2.5	• 2	3911	2		12.2	2.6	• 2	3811
													_	

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TA	GE FRE	QUENCY FROM HO	OF OCCURRENCE	IONS		IC RUNH	AY HEAD	ING: 089-2	69	
סנ		ANGB WI			PERIOD MONTH:	OF REC	DRD: A	JG 73 - JU	L 88	
-			R VISIBILITY REPORTED WIT			RLIES 1	SPECIA	LS)		
•••	•••••	0300	- 0500	0		0800		090	0 - 1100	
	CEIO	GE18	GE26 08S 0	3.8	0	6459		6.8 · T	GE26 08 1214	7
••	7.3	GE18	- 1700 GE26 DRS -0 7293	GETO GET	B GEZ	6 095	G:	E10 GE18	0 - 2300 GE26 08	s
•••	12.3	- 2000	.2 7293	• • • • • • • • • • •	ALL	HOURS			•••••	•
10	GF18		OBS	GE10			OBS			
. 1	•1	• 0	38112	7.1	.1	•0	38112			
• 2	2.5	•5	39112	12.2	2.6	•2	38112			
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ppopp	ррр	AAAAA	AAAAA	RRRRR	IRRR	TT	нннни	ннннн	
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PP		AA	AA	RR	RR	TT	нн	нн	

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PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE WHEATING DEGREE DAYN IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE B HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FARRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT HAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

HEATING DEGREE DAYS FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 6

STATION NUMBER: 726436

STATION NAME: VOLK FLD ANGB WI LST TO UTC: + 6

PERIOD OF RECORD:

JAN

FEB MAR APR MAY JUN JUL AUG SEP OCT NOV

MEAN

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HEATING DEGREE DAYS
FROM HOURLY DESERVATIONS
BASE TEMPERATURE 65

LK FLD ANGR HI PERIOD OF RECORD: AUG 73 - JUL 88

MAY JUN JUL AUG SEP OCT NOV DEC ANN

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OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO STATION NAME: VOLK FLD ANGE HI STATION NUMBER: 726436

COOLING DEGREE DAYS FROM HOURLY DESERVATIONS

BASE TEMPERATURE

PERIOD OF RECORD

LST TO UTC: + 6

YEARS JAN FEB MAR APR MAY JUN JUL ÄUG SEP OCT NO

MEAN

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		COOLIN	IG DEGREE D	DAYS						
		FROM HO	JURLY OBSER	RVATIONS	BASE	TEMPERATI	URE 65			
vni k	FLD AN	CR UI	P		PERI	OD OF REC	ORD: AUG	73 - JUL	88	
6	. 20 4.	•								
APR	MAY	JUN	JUL			OCT			NN	
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AWS STATION NAME: VOLK FLD ANGB HI

LATITUDE/LONGITUDE: 43 56 N 090 16 H HOURLY OBS POR: AUG 73 - JUL 88 SUMMARY OF DAY POR: JUN 64 - AUG 88

CLIMATIC BRIEF (LIMITED)

HOURS SUMMARIZED: 0700 - 1700 LST

MAY 89

LST TO UTC: +06

MONTH	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	DCT
			• • • • • •			3017				
a EXTRM MAX TEMP (F)	54	62	82	96	94	100	102	104	96	91
a MEAN MAX TEMP (F)	23.3	29.9	40.7	58.2	71.3	79.5	83.9	81.7	72.7	61.5
@ MEAN TEMP (F)	13.2	18.9	30.3	46.3	58.2	66.9	71.3	69.1	60.2	49.7
@ MEAN MIN TEMP (F)	3.1	3.0	19.8	34.4	45.1	54.3	58.6	56.5	47.7	38.0
a EXTRM MIN TEMP (F)	-42	-40	-30	3	21	32	40	34	19	10
MEAN DEWPOINT TEMP (F)	7.1	12.0	22.2	32.5	46.2	55.3	61.4	59.9	51.3	39.6
MEAN WET BULB TEMP (F)	14.9	20.6	30.9	42.9	54.5	62.0	67.2	64.9	56.7	46.3
99.95% HCPA (FT)	1650	1600	1550	1650	1400	1400	1250	1200	1350	1450
MEAN REL HUM 07 LST(%)	69.3	67.6	67.5	63.5	67.9	70.6	72.5	79.3	80.0	75.7
MEAN REL HUM 13 LST(%)	60.1	56.7	54.5	47.3	49.2	53.3	54.6	58.8	60.5	57.9
a MAX 24HR PRECIP (IN)	1.23	1.00	1.86	2.68	2.78	4.51	4.55	4.27	4.72	2.35
@ MAX PRECIP (IN)	4.08	2.80	4.31	6.73	7.40	9.46	9.48	12.43	11.56	6.60
a MEAN PRECIP (IN)	.90	• 89	1.93	2.91	3.68	4.12	3.65	3.77	3.81	2.19
a MIN PRECIP (IN)	-14	.07	• 30	•60	.93	1.06	.16	. 34	•42	4
& MAX 24HR SNFL (IN)	10.0	9.7	13.1	10.3	.8	0	0	0	#	1.7
a MAX SNEL (IN)	30.5	28.2	31.6	14.2	1.5	0	0		#	2.0
0 MEAN SNFL (IN)	13.4	7.9	10.0	1.9	• 1	0	0	0	#	• 1
MEAN SEC WND DIR (DEG)	300	300	300	330	180	300	320	1 90	300	300
MEAN WND SPD (KTS)	6.4	6.3	8.0	8.5	6.8	6.9	5.6	5.5	6.3	6.8
2 MAX WND SPD (KTS)	48	58	45	51	55	63	56	65	44	49
SKY COVER GT 1/2 (%)	53.0	65.4	65.0	64.9	62.0	58.5	54.0	58.3	56.0	63.7
a DZW THUNDERSTORMS	#	#	i	3	6	8	7	7	5	2
a DZW FOG (VSBY LT 7 MI)	1 ï	11	11	9	8	8	9	13	13	10
a DIN MEAS. PRECIP	8	7	10	10	11	11	10	9	9	8
1 CPENTO ANN - ANNIA	• • • • • • •	• • • • • • •	• • • • • • • • •	o d	DIVID -	DEDITIO	706736	חב סברו	חמו	• • • • • • • •

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

PORTYOR = PERIODIYEARS OF RECOPD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUD

= LESS THAN 0.5 DAYS OR TRACE AS APPL # = PERCENTAGE OF CALM WINDS GREATER TH WIND DIRECTION

SUMMARY OF DAY (SUD) DATA WERE SUPPLEMENTED FROM THE FOLLOWING SOURCES: REMARKS : a

1. CLIMATOGRAPHY OF THE UNITED STATES (NUMBER 20) FOR SPARTA HI. SOD POR: JAN 51 2. RUSSHO AND ANS CLIMATIC BRIEF (FEB 86) FOR LA CROSSE HI. SOD POR: MAR 48 - AU

FIELD ELEV: 910 FY TILK FLD ANGB HI 43 56 N STATION MSC: 726436 090 16 ₩ 96: AUG 73 - JUL 88 CALL SIGN: KVOK OR: JUN 64 - AUG 88 : 0700 - 1700 SUPERCEDES: FEB 86 LST FE3 MAR APR SEP OCT NOV DEC ANN YOR MAY 96 82 91 94 52 100 102 104 96 76 63 104 41 29.9 40.7 59.2 71.3 79.5 83.9 81.7 72.7 61.5 43.3 29.3 56.3 41 30.3 58.2 19.9 66.9 71.3 49.7 34.4 44.9 41 46.3 69.1 20.8 60.2 3.0 19.8 34.4 45.1 54.3 58.6 56.5 47.7 38.0 25.4 12.3 33.6 41 -18 41 -40 -30 3 21 32 40 -42 34 19 10 -30 55.3 59.9 12.0 22.2 32.5 46.2 61.4 51.3 39.6 14.7 37.5 15 27.8 42.9 54.5 67.2 64.9 44.7 30.9 56.7 35.0 20.6 62.0 46.3 21.1 15 1500 1550 1650 1400 1400 1250 1200 1350 1450 1650 1500 15 1600 67.5 63.5 67.9 70.6 72.5 79.3 80.0 75.7 73.8 57.6 73.6 72.3 53.3 54.5 47.3 49.2 54.6 58.8 60.5 57.9 60.1 64.7 56.2 15 56.7 2.68 2.35 1.79 41 1.00 2.78 4.51 4.55 4.27 4.72 2.22 4.72 1.86 11.56 2.98 4.31 9.46 9.48 4.88 44.11 41 2.80 6.73 7.40 12.43 6.60 . 89 1.93 2.91 3.68 4.12 3.65 3.77 3.51 2.19 1.56 1.12 30.53 41 .07 .93 1.06 .60 .16 . 34 11 4 .30 41 .30 .42 17.47 9.7 .8 0 _ 11.0 13.1 10.3 0 0 # 1.2 13.1 13.1 41 1.5 14.2 0 4 23.2 31.6 0 0 2.0 12.6 30.5 91.4 41 7.9 10.0 1.9 . 1 0 0 0 41 17 . 1 3.7 8.9 43.0 41 300 300 330 180 300 300 190 300 300 300 300 300 15 15 5.5 6.9 4.3 8.5 6.9 5.6 6.8 6.4 8.0 6.8 6.3 6.7 គង្គ 45 51 55 63 56 65 44 49 48 48 65 22 62.0 15 65.0 53.5 11 3 7 7 5 2 # 40 41 1 3 6 1 q 11 11 8 8 9 13 13 10 11 13 127 41 9 10 10 11 11 10 8 8 9 110 41 PORTYUR = PERIODIYEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE N FULL MONTHS

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

* PERCENTAGE OF CALM WINDS GREATER THAN OR FOUAL TO MEAN WIND DIRECTION

10) DATA HERE SUPPLEMENTED FROM THE FOLLOWING SOURCES:

OF THE UNITED STATES (NUMBER 20) FOR SPARTA WI, SOD POR: JAN 51 - DEC 80. S CLIMATIC BRIEF (FEB 86) FOR LA CROSSE WI, SOO POR: MAR 48 - AUG 85.

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	МОИТН	JAN	FEB	MAR.		MAY	JUN	JUL	AUG	SEP	OCT
• • • • • • • • • • • • • • • • • • •	LST	• • • • • • •	•••••	• • • • • • • •	•••••	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
 CIG	06 - 08	34.0	33.7	37.7	24.7	22.0	16.9	15.2	25.0	26.5	26.8
LT 3000 FT	09 - 11	30.8	33.2	34.9	25.6	18.3	17.9	12.7	20.6	27.4	28.0
AND/OR	12 - 14	28.5	29.8	28.8	23.2	15.5	15.0	8.8	15.4	24.2	25.2
VSBY	15 - 17	29.7	27.0	26.0	19.9	12.7	10.1	6.2	10.9	16.6	19.4
LT 3 MI	ALL	30.2	30.8	31.3	23.6	17.4	15.3	10.8	18.1	24.6	25.6
CIC	04 - 09		21 0	15.6	17 4	12 4	10.6		••••••	•••••	10 4
CIG	06 - 08	21.8	21.8	25.6	17.6	13.6	10.6	12.2		19.9	18.4
LT 1500 FT	09 - 11	21.1	23.0	21.0	14.0	9.0	8.9	6.8		16.1	14.4
AND/OR	12 - 14	16.9	18.2	15.6	9.9	6.2	4.8	2.8		11.1	10.8
VSBY	15 - 17	15.4	14.4	13.5	9.3	4.5	3.5	2.5		6.0	9.1
LT 3 MI	ALL	18.5	19.3	18.2	12.2	8.4	6.9	5.8		13.8	13.2
CIG	06 - 08	14.8	15.9	17.1	12.5	9.0	7.5	7.3	· · · · · · ·	15.1	13.4
LT 1000 FT	09 - 11	13.4	15.8	13.9	9.8	5.7	5.3	3.0		10.6	9.4
AND/OR	12 - 14	11.2	9.0	10.9	6.6	3.2	2.2	1.0		6.5	6.0
VSBY	15 - 17	10.6	8.4	10.0	5.4	2.2	1.9	1.6		3.0	5.0
LT 2 MI	ALL	12.2	12.0	12.5	8.3	5.1	4.1	3.0		9.1	8.4
•••••••	•••••	• • • • • • •		• • • • • • • •	•••••	••••••	••••••	••••••	•••••••	•••••	• • • • • • • •
CIG	06 - 08	2.4	1.3	2.5	1.5	• 7	• 1	• 3		2.0	1.5
LT 200 FT	09 - 11	1.7	1.4	1.6	• 6	• 2	• 0	• 2	-	• 2	• 3
AND/7R	12 - 14	• 9	• 7	• 9	• 1	• 0	• 1	• 2	•0	• 1	. 3
VSBY	15 - 17	. 7	• 4	• 6	• 0	• 0	• 1	• 1	• 1	• 0	•0
LT 1/2 MI	ALL	1.3	1.0	1.2	• 5	• 2	• 1	• 2	• 2	• 5	• 6

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986: NONE

	PERCI	APR	URRENCE MAY	FREQUE	JUL	CEILING AUG	AND VI	11111111111111111111111111111111111111	Y NŌV	DEC	ANN	YOR
•	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••
	37 .7	24.7	22.0	16.9	15.2	25.0	26.5	26.8	38.1	43.0	28.6	15
	34.9	25.6	18.3	17.9	12.7	20.6	27.4	28.0	38.0	38.5	27.2	15
	28.8	23.2	15.5	15.0	8.8	15.4	24.2	25.2	34.9	34.2	23.6	15
	26.0	19.9	12.7	10.1	6.2	10.9	16.6	19.4	28.1	32.5	19.9	15
	31.3	23.6	17.4	15.3	10.8	18.1	24.6	25.6	34.8	36.3	24.0	15
•	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •
	25.6	17.6	13.6	10.6	12.2	19.9	19.9	18.4	22.3	29.9	19.5	15
	21.0	14.0	9.0	8.9	6.8	11.9	16.1	14.4	20.8	27.l	16.2	15 15
	15.6	9.9	6.2	4.8	2.8	6.6	11.1	10.8	17.7	21.5 17.7	11.8	15
	13.5 18.2	9.3	4.5	3.5 6.9	2.5	5.5 10.7	6.0	9.1 13.2	12.5 18.1	23.6	9.5 13.5	15
	10.2	12.2	8.4	0,7	5.8	10.7	13.8	13.2	10+1	23.0	13.3	
٠	17.1	12.5	9.0	7.5	7.3	12.9	15.1	13.4	13.9	21.1	13.4	15
	13.9	9.8	5.7	5.3	3.0	6.2	10.6	9.4	14.7	19.4	10.6	15
	10.9	6.6	3.2	2.2	1.0	4.3	6.5	6.0	12.7	15.1	7.4	15
	10.0	5.4	2.2	1.9	1.6	3.2	3.0	5.0	7.7	11.8	5.9	15
	12.5	8,3	5.1	4.1	3.0	6.4	9.1	8.4	12.4	16.5	8.7	15
•	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •
	2.5	1.6	. 7	• 1	. 3	1.0	2.0	1.8	1.5	3.2	1.5	15
	1.6	•6	• 2	•0	• 2	•0	•2	• 3	• 2	2 · B	.8	15
	• 9	• 1	• C	- 1	• 2	.0	- 1	.3	. 4	2 • 2	5	15
	. 6	•0	•0	• 1	• <u>1</u>	• 1	•0	•0	• 9	2.1	• 4	15
	1.2	• 5	• 2	• 1	• 2	• 2	• 5	• 6	• 6	2.5	. 7	15

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